

SEQUENCE LISTING

<110> Chenault, Ruth A.
Xu, Jiangchun

<120> COMPOSITIONS AND METHODS FOR THE THERAPY
AND DIAGNOSIS OF OVARIAN AND ENDOMETRIAL CANCER

<130> 210121.501C1

<140> US

<141> 2001-11-28

<160> 230

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 595

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 1

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acatctcagt	ttcatacaga	actcattcaa	tcatataaaa	ataaacacaa	atttacattg	180
actcatcaac	tatacaattt	aaaaaggcac	ttggaagggt	tattgtatta	ttgcatttgt	240
ggtatgcatt	tgaaatagtt	taagtacatt	aatgaatttg	taagaatcct	cctttgcact	300
tattcccatc	tttaattaat	tttcaaaaat	tattaaaatg	ttttaaaata	gtaagacaat	360
ggagcatgcg	ccaggaatgt	ttcaaagcta	atctttccct	cctcccccaa	ggcacatact	420
gttaattggg	caaaaacaaa	aacaaacaaa	aatactttta	atacattctc	ctgggggttg	480
gnncttggn	attttttttt	ccccttttaa	aatatacctt	taangcnctc	aggtaatcaa	540
aaaaaaggct	ttagtcacaa	ntggcnaccc	gnccaaccca	ctngcacngg	nntan	595

<210> 2

<211> 1700

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(1700)

<223> n = A,T,C or G

<400> 2

aaaagcgcag	ccgagcccag	cgccccgcac	ttttctgagc	agacgtccag	agcagagtca	60
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gccagcatga ccgagcgccg cgtccccttc tcgtcctgc ggggccccag ctgggacccc 120
ttccgcgact ggtaccgcga tagccgcctc ttcgaccagg ccttcggggt gccccggctg 180
ccggaggagt ggtcgagtg gttaggcggc agcagctggc caggctacgt gcgccccctg 240
ccccccgccg ccategagag ccccgagtg gccgcgccg cctacagccg cgcgctcagc 300
cggcaactca gcagcgggt ctcggagatc cggcacactg cggaccgctg gcgctgtcc 360
ctggatgtca accacttcgc cccggacgag ctgacggtca agaccaagga tggcgtggtg 420
gagatcaccg gcaagcacga ngagcggcag gacgagcatg gctacatctc ccggtgttc 480
acgcggaaat acacgtgcc ccccggtgtg gacccacccc aagttttctc tccctgtccc 540
ctgaggggcac actgaccng gaggncccca tgcccaagct agccacgcag tccaacgaga 600
tcaccatncc agtnacctc nantngcggg cccagcttgg ggggccanaa nctnnnaaaa 660
tccnataaga ntggccgcca anaaannct tannccggg atgcccaccc cttgntgcng 720
ccnntgggtg gggccttccc ccnccnccng gggggnnntt tnnananann nanntnnggn 780
nnnnnnnnnaa aaggnnnnna ngnnncccn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnngngg ngnnnnnnnn 900
nnnnnnntnnn nnnnnnnccn cnngnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnggggnntn 1020
tnntnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nncncnnnnn nnnnnnnnnn 1080
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nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1260
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nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1440
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1500
nnnnnnnnnnn cccccccccc cccccccccc cccccccccc cnnnnnnnnn nnnnnccccc 1560
ccccccccc nnttttttnc cccccccccc cccccccccc nnnnnnnnnn nnnnnnnnnn 1620
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nnnnnnnnnnn nnnnnnnngn

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<210> 3
<211> 583
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

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<400> 3
cctttttttt ttttttttga tattaaatgt taaattttat ttcaaaaact atcacagcct 60
aaagggaaat ataatttaag cattaagata gtacatttca gaaaataagc tagtattttc 120
atgttacatt ttaggtacct atcatttgtc attccaagag atccttgctg tctagactct 180
anaattaaat ggggtaaagg gttatgcttt taagaactat aagctgaaat gatttacttc 240
agttcaatat agaataattg tcagtcaaga taacaatcaa tgtgtcaaaa atttacataa 300
caagaggaaa aataggcagt gcagcacctt tagaaaaata attaaaagtt tcattgcatt 360
tacangnaag tgccacactg agaatttaca atacagtaat ttactgcaat cacaggggag 420
ttccataaag aaacaaagct cttcactcca ggttttttga anggggtatt ggaagcttaa 480
ctgaaacccc aaaacntggt tantcctnng aatgagttga tgaaaggcat aaaaagggtt 540
cttagccctn ttntntaaaa gggggccccg ctttgggaaa cng 583

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```

<210> 4
<211> 448
<212> DNA

```

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(448)

<223> n = A,T,C or G

<400> 4

cctttttttt	ttttttttca	caaaagcact	ttttatttga	ggcaaagaga	agtcttgctg	60
aaaggattcc	agttccaagc	agtcaaaact	caaccgttag	tggcactatt	ttgacctggg	120
agatttttgc	tctcttttgg	canaaaaggg	tattcagggt	gtactttccc	cagcagggtg	180
gaaagaagg	caaagcaaac	tggaagagac	ttctactcta	ctgacagggc	tcttgagatc	240
caacatcaag	ctagacacgc	cctcgctggc	cactctacag	gttgctgtcc	cactgctgag	300
tgacacaggc	catactacat	ttgcaaggaa	aaaaatgagg	caagaaacac	aggtataggt	360
cacttgggga	cgagcaggca	accacagctt	caaaactctt	catggaagg	gtaatccttg	420
nggggaggna	cagctcaagt	cgaccggc				448

<210> 5

<211> 2067

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(2067)

<223> n = A,T,C or G

<400> 5

ccgaggctaa	atcggtctgc	ttcctctcgg	aacgcgccgc	ananggggtc	ctggtgacga	60
gtccccggtt	ctctccttga	atccactcgc	cagccccgcg	ccctctgccg	ccgcaccctg	120
cacacccgcc	cctctcctgt	gccaggaact	tgtactacc	agcaccatgc	cctaccaata	180
tccagcactg	accccgagc	agaagaanga	gctgtctgac	atcgctcacc	gcacgttgga	240
cctggcaagg	gcacctgnc	tgcagatgag	tccactggga	gcattgncaa	gcggctgcat	300
tccattggca	ccgagaacac	cgaggagaac	cggcgcttct	accgccagct	gctgctgaca	360
gctgacgacc	gcgtgaacct	ctgcattggg	ggtgtcatnc	tcttccatga	gacactctnc	420
cagaaggcgg	atgatggcg	tcccttcccc	caagttatca	aatccaagg	cggtgttggg	480
gggcatcaag	gtagacaagg	gcnggtccc	cctggcagg	gacaaatggn	gagactacca	540
cccaaagggt	tggatgggt	gtctgaancn	ctgngcccag	nacnaanaan	gacggagctg	600
acttccccaa	ntgngtttg	ngtgctnaaa	aattggggaa	aacaaccccc	ctnaaacctt	660
tengcattna	tggaaaaatn	cccaatgttn	tgggncctn	angccnngnt	ntnccannnn	720
naangggatt	tnngcncnt	nnnnggancc	nnnnananc	ncccttgng	gggggnaaca	780
tnnaannttn	naanngnnn	gnncnnnnn	ngnnnnancn	nnannanaan	ggnnnnnnng	840
nnntgnnnn	nnnncnnann	anggnncnn	nnnnnnngn	gancgcnnnc	cnnnnnnnng	900
nnnancnngn	naaangnana	ccnngnatnn	tnnnnangnn	ncnanannnn	gngtnnnnnn	960
nnannnnnnn	nnnnngnggg	gcgnnngcng	nnnccnnngn	ngnnngnnnn	nnnnnnnnnc	1020
nggnnaaaaa	nnnnccnccc	cnnnnnnnnn	cnnnnnnnna	annnnntnnn	nnnnncnnnc	1080
ccnngnannc	nnngnnnnnn	gnannnnnnn	gngnacgnnn	nnngnnnnngn	ngnnncnnnn	1140
ntnnnnnncg	nnnnnnngnn	nnannnnnnn	nnnnanannn	nnannnnnnn	agnngnnng	1200
nggggngngt	ntngnatgn	ncnnnnnnnn	nnnnnnnnncn	nnntnntnnn	nnnnnnnnnn	1260
nnnnnnnnng	nnnnngnnnc	nnnangnnnn	nnnnnnnnng	nnnnnnnnnn	nnngnnnnnn	1320
nnnnnnnnnn	gnnnnnnncn	cgnnnnnnnn	nggngnaaaa	aaaatnncgn	nctnnnnnng	1380
ngngnnnnnn	nnnnangnga	aanannnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnngnagn	1440
nanannnnnn	gngngnnnnn	nnngnnnnnn	nnnnngnnnn	nnnnncnncg	ngnnncnnnc	1500
nnnnnnnnnn	nnncnaannn	nnnnncnccc	nannnnnnnn	nnnannnnncg	ncngnnaann	1560

```

nnannnnannnn annccnnnnnc nnannnnncnn nnannnnngnn nnnngnnngn nnnnnnnannnn 1620
nnnnnnnnnnnn ncnnccgnnng gannngnnnnnn nnnnnnnnnnn nnnntnnnnna nggngggnnnn 1680
nngngggnan nnnngnnnnnn nnnccnaaann nnnngnnnnng cngngngnnnn nnggngnnnn 1740
nnncnnnnccnn nnnnnngnnnn annnnnnnnnn nnnnnnnnnnn nnnnnnnntn nngntnnnnnn 1800
nnnnnnnnnnnn nncnnnnncnn nnnnnnnngn nnnnnnnngnn nnnnnnnngn gngnnancng 1860
tngannanan aannngcga naagtngng nnnnnnnngnn gngngnccnc ccnanncnna 1920
ntnnnccgnan nngntgagan nnangngggn aantcnnngg ccnnccngcn ngnnngnnca 1980
nnacncgggn ngnnncnggn nngaananan ggggggannn nnnncngggg nccncnnnnn 2040
nnnnannana ngaaaaana anagcgn 2067

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```

<210> 6
<211> 643
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

```

```

<400> 6
cctttttttt ttttttttt tctgaaaaaa tgaaggcaca tttattaaat gactgggaga 60
aattccatag tatgtagaat gggaataata atacataaca ttgtatttta tgttccattt 120
tttaaaatga gtccaaggaa gttaaaatat tcttttaatt aagacactca aagaaatgaa 180
ataagaaaaa ttgatgcaag gactccttca agttaanatt tgtgatacaa atattttcat 240
cttttaacag ggcaagctga tgtgttcaca tctcagtttc aagctgcctc tttcactagg 300
aacatcagta ttttttttta aaagcacatt tacaatgctt tcccatcacc cttgctgtgt 360
ttttgtagca cctatagcca taactggcac ctgggggcct gcgttgctgg cantttccct 420
tacatttctt tggagtctt tcaactgctg ggggtttact taaaagtcag tgctttgcat 480
atgtgatttc ctganantgn ttgaatagnn tttttaaaaa aatgngcagg ctgggtggga 540
canntttttt ncaagggaat ganannancn tgctnnggtt ggntngcttg gaatgggtcc 600
aacennnct nttttnttc ccnancctt ncngcccg cct 643

```

```

<210> 7
<211> 123
<212> DNA
<213> Homo sapien

```

```

<400> 7
cctcgcccg cagcaccgc acgttcgtgg ggaacctggc gctaaaccat tcgtagacga 60
cctgcttctg ggtcggggtt tcgtacgtag cagagcagct ccctcgctgc gatctattga 120
aag 123

```

```

<210> 8
<211> 655
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

```

```

<400> 8

```

```

gtaaaaccca gccatgacc cctaacagg gccctctcag cctctctaata gacctccggc 60
ctagccatgt gatttcactt ccaactccata acgctcctca tactaggcct actaaccaac 120
acactaacca tataccaatg atgggcgcga tgtaaacacga gaaagcacat accaaggcca 180
ccacacacca cctgtccaaa aaggccttcg atacgggata atcctattta ttacctcaga 240
agtttttttc ttgcaggat ttttctgagc cttttaccac tccagcctag cccctacccc 300
ccaactagga gggcactggc cccaacagg catcaccccg ctaaatccc tagaagtccc 360
cgtnctaaac acatncgtat tactggnatg aggagtatca atcacctgag ctaccatag 420
tctaatagaa aacaaccgaa accaaataat tcaagcactg cttattacaa ttttactggg 480
tctctatttt acccttctac angcctcana atactttcga gtcttcctta acatttccga 540
cggcatctac cgggttaacat tttttgtagc cacaaggttt cacggaentt ccctatcatt 600
ggctnacttt tcttactatt ggttattcgc caataaaatt cacttttntt ccnag 655

```

```

<210> 9
<211> 663
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(663)
<223> n = A,T,C or G

```

```

<400> 9
ccggagccga aacaccggtg ggagcgggga ggtgggtact acacaaccgt ctccagcctt 60
ggtctgagtg gactgtcctg cagcgacat gccccgtaaa ggcaccacgc cctccactgc 120
ccggcgccga gaggaaggcg gcgcgcgcgc gtcccctgac ggcgcagca gcgacgcgga 180
gcctgagccg ccgtccggcc gcacggagag cccagccacc gccgcagaga ctgcaagtga 240
ggaacttgat aatagaagtt tagaagagat tttgaacagc attcctcctc ccccgctcc 300
agcaatgacc aatgaagctg gagctcctcg gcttatgata actcatattg taaaccagaa 360
cttcaaattc tatgctgggg agaaaattct gggacctttc cataagcgct tttcctgtat 420
tatcgggcca aatggcagtg gcaaatccaa tggtattgat tctatgcttt ttgtgtttgg 480
ctatcgagca caaaaaataa gatctaaaaa actctcagta ttaatacata attcttgatg 540
aacnccaagg acnttcagaa ttgnacagta naaagttctt tttcaaaaaa taattgggta 600
agggaagggg tngattttga aancntttct taacnnaant ttttngnttt cccaaacggc 660
tnt 663

```

```

<210> 10
<211> 654
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

```

```

<400> 10
gtcgggggtt cctgcttcaa cagtgccttg acggaaccgc gcgctcggtc cccaccccg 60
ccggccgccc atagccagcc ctccgtcacc tcttcaccgc accctcgga tgccccaa 120
ccccgcgcgc cgctccagcg gccgcgcagc caccgcgcgc gccgcgcct ctccctagtc 180
gccgcatga cgaccgcgtc cacctcgag gtgcgcagca actaccacca ggactcagag 240
gccgcatca accgcagat caacctggag ctctacgct cctacgttta cctgtccatg 300
tcttactact ttgaccgcga tgatgtggct ttgaagaact ttgccaaata ctttcttcac 360
caatctcatg aggagagggg acatgctgag aaactgatga agctgcagaa ccaacgaggt 420

```

```

ggccgaatct tccttcagga tatcaagaaa ccagactgtg atgactggga gagngggntg      480
aatgccnngg agggggcatt acatttgga aaaaatgtga atcaagcact actggaactg      540
caccaactgg ccctgacaaa atgaccccca tttgngtgac tttnttgaaa ccatttactt      600
gatgagcagg ggaaancctt cnnnaatggg gngacacgng accaacttgc gnnt          654

```

```

<210> 11
<211> 653
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(653)
<223> n = A,T,C or G

```

```

<400> 11
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taacttttgt cacatattac ttataaaaaa atccagtttt acatatttct aaatagatag      120
aactaaatga tcagagaatt tcttctgtaa aaattggcca aattttatca aaaatctaac      180
atacgataca atccaaatta taaaaagact acttgggatc ataatatcc aaatgtatga      240
cagttataac tccatcttaa caagtgtgaa aagtacttgc tctcatgttg ctttgggtcca      300
aaagagtaga gctaactcag taacaggaaa ctaagtaccc aatcttttgc caaaattaat      360
ttagattgtg actggcagca naaatatcca taatgaacag ctctactata acaaagaata      420
attaaagaat acttttcgtg aacatatcac aggtcaaata catttttata agagaaaaat      480
atgaaggaaa tgatnaaata gctntcncaa acaaaaagga agcatttncc cntaagggg      540
aattaanagg gtggatgatg cttatatgaa angaagtnga anncngnttt atttcttatt      600
tttccactct tanctttcaa aatnggtttg ncatgcctta aagngaanc ngg          654

```

```

<210> 12
<211> 375
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

```

```

<400> 12
tttttttttt tttttttttt ttttttggn tttataaanac atttatttaa tctatgaaaa      60
taatgnacaa taaatacttt ccccttttcc tattattaaa naattttaat aaataatnta      120
cagtctaaaa cataaaaaag aggaaaatag gnccctctag ttatttttaa naaagncccc      180
ctanagtitta attattcctg anatttcatt ggaaggagtc taccaaacgg aatttttctg      240
ngngaatttt aaaanataac cgagtgccca atattttaga agaagaagaa aggaagngga      300
ttaaacgcta attcagtaat acctgaattt tagcaaaaca cataagtcta tgcgactgag      360
ggngggagan gntcg          375

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```

<210> 13
<211> 658
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature

```

<222> (1)...(658)

<223> n = A,T,C or G

<400> 13

ctctctcttt	caactgcaagg	cggcggcagg	agaggttgtg	gtgctagttt	ctctaagcca	60
tccagtgcc	tctctgtcgc	tgcagcgaca	cacgctctcg	ccgccgccat	gactgagcag	120
atgacccttc	gtggcaccct	caagggccac	aacggctggg	taaccagat	cgctactacc	180
ccgcagttcc	cggacatgat	cctctccgcc	tctcgagata	agaccatcat	catgtggaaa	240
ctgaccaggg	atgagaccaa	ctatggaatt	ccacagcgtg	ctctgcgggg	tactcccac	300
tttgttagt	atgtggttat	ctcctcagat	ggccagtttg	ccctctcang	ctcctgggat	360
ggaaccctgc	gcctctggga	tctcacaacg	ggcaccacca	cgaggcgatt	tgtgggccat	420
accaaggatg	tgcttgagt	tggccttctc	tttgacaacc	cggcagattg	ncctttggat	480
ctcnanaata	aaaccatcaa	ncatttgaat	accctggng	tggtgcaa	ccntgtcca	540
ngaaganaac	cncttcanaa	ngggggtctt	tgtgnccnt	ttttnccca	acncaacaac	600
cctnttattn	nnnccctngg	gttgga	ctggcnngn	tnganccggn	tnactggg	658

<210> 14

<211> 686

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 14

cctttttttt	ttttttttt	ttttttttt	aacattatac	tgnccatttt	atcataacaa	60
tataaacaat	ttttatcatc	atcctgaata	ttactttata	aanatatata	ttttaaaagg	120
ntttcaaaac	atttttcaac	ccagcatttg	agaataaagc	attaagagtt	ttgnatacag	180
taacacattc	atgngataag	ngnatgaatt	tacaaccata	cataatatgg	atatatggat	240
atatatttat	ataaaaaaca	aacttgacca	naagttaagg	ntacctacna	agttgtccaa	300
gtaaattatg	cttggcaaaa	caattataaa	attcaaatca	cacatgcatt	tttaaatcat	360
ctaaatcact	gcaaacaang	gtcaagcatt	ccaaangttt	taaaatnang	ggggangang	420
ggaancnggc	cctccaannt	taaagggcc	gtttaaaacc	cccttgaccc	ccccccaca	480
ggngnttttt	aactnccncc	catttntgtt	gtttgnnct	ttcnccgggg	ccttcttttg	540
cccttggang	gggcnccccc	cccctgggcc	ttccnaaata	aaaggaggga	aaanngnntt	600
cccacgnccc	ccccgnatg	natnctctcc	tnataaaaaa	ngggngggnc	gngannctaa	660
nnggagnggt	ttggcnaanc	acttct				686

<210> 15

<211> 725

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 15

cctttttttt	tttttttgat	ttttacaaat	attgnattatt	ttaatgaagc	tggtacagac	60
aatgtccatt	taaaacccat	atcccaggcc	aaaaagtaca	aataaaatca	aaaagagcag	120
tggtctgntg	tattcatctc	tgnatgtata	gctttattaa	ttngctaata	aaaattanaa	180

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cttttctggg atcttctgac aagattttta aaaaatctta aaatgccttt tcttcagtga 240
aggcactttt ggagttacca ataaaggggn cccccctnc catcttnact tnaacctgat 300
attntntttg tgnngggggg ggngggngaa attttaaaaa tatnttaatt taaggaaagg 360
ncattttttc acagtctaag ttctntgnaa aacttncatt ttcccaacga aagnanagt 420
tnangaannc ccccnngggc ncnccccacc ntgnngggca anttgnaaan tnattatnga 480
acncttggtg ttgnttgaat tntttntgnt aacgnnnaat tgcgtgnaag aangctatcg 540
ttnctgtaaa aaaaagggga aacttttntc atantntccn ntannttctt tttanaaacc 600
ccnccccccc ctaaatgtga ncnccgatn ttttncggg gntggatntt nntcngccct 660
tcnncnccg ccctttttt anacgccnat ttatattttn taantttatn taantttctca 720
tntct 725

```

```

<210> 16
<211> 196
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

```

```

<400> 16
cngaaggtng cctncaccct ggcatcctcc cctccttccn acttntgccc ccaccccatg 60
tctctgtcct tgtccagacc aggccctgct ccctctccag ccttgacagc ccctccccct 120
gcctatgccg ccctggggcc cgcgccatct ccagggggct ctgcaggggc cagtctctcc 180
gcctgtctctc tggggg 196

```

```

<210> 17
<211> 667
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

```

```

<400> 17
cagccgtgaa actggaaagt cattttgatg actgatgtga tacatccaga ggtaaaatgc 60
atttaaacad attaaagtat ttgccaaaga tacaattttc ttgctgacat aaaaatcaca 120
caaacaagtc ccccccaaac cacaactgtc tctcaaatag cttaaaaaaa ttgaaaaaca 180
ttttaggatt tttcaagttt tctagatttt aaaaagatgt tcagctatta gaggaatggt 240
aaaaatttta tattatctag aacacaggaa catcatcctg ggttattcag gaatcagtca 300
cacatgtgtg tgtgtctgag atatagtcta aattagcaaa gcacatagta ttacatactt 360
gaggggttg tgaacaaagg aaaaatatac tttctgcaaa accaangact gtgctgcgta 420
atgagacagc tgtgatttca ttgaaaactg tgaaaccatg tgccataata gaattttgag 480
aattttgctt ttacctaaat tcaagaaaaa gaaattacac ttttnagtta gngngggctt 540
aacataattt tttctatntt aaccgcgtatt naaatctcaa gtaagaattt nccgtggccc 600
gaaacttggt angggggaat tttaaaaggg cctcgcattc cgggttacat ggcntanaan 660
tgggaagg 667

```

```

<210> 18
<211> 1493
<212> DNA

```


<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(1493)

<223> n = A,T,C or G

<400> 18

ccccatttct	ccattttgtg	gaccaagcca	tcttgagggc	atggacattg	tctctgagga	60
aattggggcc	acccttaaga	taccaagaaa	agctcctgcc	catgggccca	ctggaaatgg	120
actctgctga	gcaaagccac	cagttgaaga	gaacagaatc	cacacctgca	ttgaatacct	180
gtttctccat	gtgtatcgtc	tctgagatta	ccttcttgcc	ctttccaaca	ccttagtgat	240
tcctcaattt	ctccccatt	gggaaggcca	tagggcatta	actgaaggaa	ctgacctctc	300
tccttttcct	gtacctttaa	ccttttagtct	gtcaaggaaa	acccttagga	cctctgaatc	360
aagaggactg	agtttgtggg	tgaaccttga	aggtgctctt	tctgctacaa	gggccctggg	420
agatagcatg	ggacgtgcat	tgagaagcca	gcctcagacc	ttagcttgaa	gcanccttgag	480
gccagacctt	ctgtacctca	gcattctgct	aggaggcatg	gaagtgatct	atcctgccag	540
gaggcctcag	agtgatctgt	cctgccagga	ggggtgagag	tgatctgtcc	tgtgaggcat	600
ttaggggctt	taggaattan	taaaaggggg	agtatgcctt	tccagaatct	tccatcttcc	660
tttgganacc	tggccttcct	cccatttcct	ccctttggcc	ccagggtanga	aggatggagg	720
gaggnttggt	actnttnccc	ttctgggggc	cctttctggg	ggcctaacc	tgncaatttt	780
anttcnccc	tcccttacct	ngggatgnng	ggnccttttn	ccgggattta	anccttgggg	840
ctgggcccta	anttttttcc	cttttttttc	ccnaaaaaaa	aaaaaagggg	ggggccccc	900
ctgnnnnngn	nttttttnaa	aatncccccc	nngncntnng	gncccncccn	ncccccnntt	960
tnnttnancc	neccctgggg	ggtcccnttt	ngggggnnnt	tnnntttnna	necnnnnnnn	1020
ggggnttttt	ttttnnnnna	aaantttttt	ttnnncnnnc	nnnnncnnnn	nncnnttttn	1080
nnnnnggggg	gnngntnnnn	nnnttnnnnn	nccccntttt	tnngnnnaaa	annccnnnnn	1140
nnnnnggggg	gggnnnnnnn	nnnnnnnnnn	nnnnnccccc	cnnnnnnnnn	nnnnnnnnnn	1200
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1260
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1320
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1380
nnnnncgnnn	cnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1440
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnc	1493

<210> 19

<211> 1602

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(1602)

<223> n = A,T,C or G

<400> 19

ggaaaatcaa	gatgtggctg	aagatcagag	gctcagttag	caacctgtgt	tgtagcagtg	60
atgtcagtc	attgattgtc	tttagagagt	taatgttaca	aaaaagaatt	cttaataatc	120
agacaaacat	gatctgctga	ggacacatgc	gctttttag	aatttaacat	ctgggtgttt	180
tctgaaaaaa	tatatataca	tatatgtctt	tatttgaaac	aaattaaaa	atgtgcatt	240
tgaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	300
aaaaaaaaaa	aaaaaaaaaa	angggggggn	cccccccng	gnnnngnttt	ttgnaaantc	360
cccccccenn	ganntngggn	neccnacnnc	ggccccannt	ttantttaan	cccncccccc	420
cttggggccc	ccctnnnggg	ggggnttttna	tttccaaaan	cccccaanng	ngggggtnt	480
tnntttcncc	aaaaancnnt	tttttttnaa	accncccccc	ggaaccccn	cccccccttt	540

ttcntttaag	ggggggnggg	gntttnttcc	cccctttttg	gaaaaancccc	cttttttttt	600
tggggggccc	aaaaaaaaacc	ccccctttng	naccnnnnan	gggggggggg	ggggnaancc	660
tttgggaaaa	cccccccneg	gggagngaaa	ancccctttt	ttcccccccc	ccctttttgt	720
tttcttnngc	cccaaaaacc	centcccccn	ntgggggann	tnggengngg	anncnannan	780
cccnnaaaan	gncccccccc	cccnnnnggn	gaaaaancc	cccnnaangg	ggnttntntc	840
ccnggggana	aaaancccneg	gggggggnen	ttttcccccg	tttngncccc	naaanggggg	900
gggccccctt	tgggcnnnna	aaaaccccc	ttntntcccn	cccccgnggg	ggggnntttt	960
ccccccnaaa	ntcccccccc	ctngccccna	angggaaaac	ccccnnngng	gggtcccttn	1020
gggnncccc	cnnttttttc	ccccccnggg	gcggggggng	nnggggggga	nnccccgngg	1080
gggcctttcc	nnnngttttt	ccncccnccc	cctntnnngg	gggtgaaann	aacccccccn	1140
ngnnttnntn	anccccccna	nannnnngnc	ccnttttttg	tnccccccnc	cngaanncn	1200
accccccccc	ccnanntttt	tttgnnnngg	gncccccccn	gngnntnntt	nncccccccc	1260
cccccccccc	ccgggggngn	ggnttttttt	gnnnnnnnnn	ncccccnngg	ggggngcccc	1320
ncccccnenc	ggnttttg	ngnnncccc	ctnttttttt	tnnnnccncc	cccccccccc	1380
cgcenttttn	gngggngngg	nnnnnengen	ccccctnnn	gntcnnttnt	cncccccccn	1440
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1500
ncncnngcnn	tcnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnngnnngng	nnnnnnnnnn	1560
nnnnnnnnnn	nnnnnnnnnn	ngnnnnngcnc	cgcccnccnn	cc		1602

<210> 20
 <211> 1633
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(1633)
 <223> n = A,T,C or G

<400> 20						
agcacgccag	ccatcagccc	ctgaatccac	ctcaccact	cgccagacct	ttttgtcgaa	60
gttcatgtcc	ttccttagcc	ttccaatgaa	gcctctacct	gcctgagatg	tccaaggtaa	120
tccatcagct	gaggtctctca	gagaatgaaa	gtgtggccct	gcaggaactc	ttggactgga	180
ggagaaaagct	ctgtgaggaa	ggacaagact	ggcagcagat	cctgcaccac	gctgagccca	240
gggtgectcc	cccaccacct	tgcaagaagc	cagcccttct	gaagaagccg	gaagggccct	300
cctgcaacag	gctgccgtct	gagctctggg	acaccacct	ttgatgtggc	ctgaactgca	360
gacttacaaa	atagaaactgc	ctactgtattc	cgggctgcaa	caacagaagg	ctgccttctg	420
acatgcgctg	gggttctct	ccacgcattt	agacaaaaaa	agcacaggac	acagacacta	480
aatatatgag	atcccggtgtg	tgtgtgtgtg	tgtttgtgtg	tgtgtgtgtg	ggttctttct	540
tatccatctc	gngnggatac	actctgattt	tcaagctcct	catttacggg	tcttgtgcta	600
cccctaggta	ncaagaaaan	aggctgggaa	aaagtgtggn	cgtggncnan	agcgananaa	660
gtancggngg	gaaaggagcn	antccatgca	cacttctgta	ccngtngttt	ttntacngg	720
ntcaaacagg	nntgnntnat	tggncnttnc	caangggggg	ttnttttant	aannaccnng	780
nnntnncngg	ggannaanan	nannnnnnna	nnnnnnnttt	nggnnnnccn	cccttggggg	840
ggnnnnantt	ggggcncnct	cnctcccccc	cctcnccccc	ccctccccct	tcacnnegnc	900
nncncntnnn	ccnccggcgn	netccnctc	nnccnccnnn	ntcgncccnn	nngngggggg	960
gegggnngn	nccecnctet	netccnccnn	ccccccccnn	cncennccnn	ncnncccccc	1020
cncccnccnc	nnnncccccc	ccnccncccc	nccccccnnn	nnnnngnnnn	nnnnnnnnnn	1080
nnnncccccc	ccccccnccc	ccccccnnnn	ccnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1140
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nngggggccn	ngnnnnnnnn	nnnnnnnnnn	1200
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1260
nnnnnnnnnn	ngnggggggn	gnnnnnnnnn	nnnnnnnnnn	nnngnnnnng	nnnnnnnnnn	1320
nnnnnnnnnn	ggnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1380
ngnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1440

```

nnnnnnnnnn nccgnccccc cgnncnnnnn nnnnnngnnnn nnnnnnnnnn nnnnnnnnnn 1500
nnnnnnnnnn nnnnnnnnnng gggnnngcgg ngnnnggggn nnnnggnnnn nnnnnnnnnn 1560
cnnccccenn nnnnnnnnnn nnnnnnnnnn nnnnnngnnnn nngnnnnnnng nnnnnnnccn 1620
nnccccccng nnn 1633

```

```

<210> 21
<211> 1462
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(1462)
<223> n = A,T,C or G

```

```

<400> 21
gggctcccaa aatggcgaag tgaggctgcg gggactcgct gagcagcgga gggggagcgt 60
gcagagccgc tgcggccctc acagtccgga gcccggccgt gccgtgccgt agggaacatg 120
cacttttcca ttcccgaaac cgagtcccgc agcggggaca gcggcggtc cgcctacgtg 180
ggctataaca ttcacgtgaa tggagtcctg cactgtcggg tgcgtacag ccagctcctg 240
gggctgcacg agcagcttcg gaaggagtat gggggcaatg tgcttcctgc attcccccca 300
aagaagcttt tctctctgac tcctgctgag gtagaacaga ggagagagca gttagagaag 360
tacatgcaag ctgttcggca agaccattg cttgggagca gcgagacttt caacagtttc 420
ctgctcggg cacaacagga gacacagcag gtccccacag aggaagtgtc cttggaagtg 480
ctgctcagca acgggcagaa agttctgggtc aacgtgctaa cttcagatca gactgaggat 540
gtcctggagg ctgtagctgc aaagctggat cttccagatg acttgattgg atacttttagt 600
ctattcttag ttcgagaaaa agaggatgga gccttttctt ttgtacngaa gttgcaanaa 660
tttganctgc cttatgtgtc tgtcaccagc cttcgagtca anantataan atgtgctaag 720
gaaganttat tgggactctc ctatgatnac nattnatgga naacccggtt ggccttnaac 780
cttctttttg ctcanacggt nttaaaatat ttagncnggg ggngggatct ttggtcacc 840
aaggaaaaan naccggnaa nttaaaaatt tttgnaaaa aaaaaaannn ttccnaaaaa 900
gggaatttct ttnaaanttg gccccaaana ccttgngggn ctttngggnn ntttgnnctt 960
ttanncccn nngggggngg nnttncenna aaaaaaattt nntttnnngg gnnnnccnn 1020
nncannnnna annnnnnnnn nnnnnccnc cngngnnnnn nnttnnaaag nnttttnnng 1080
gnncccnnaa aatngggggg ncantttttt nttttnccnn nnnnnnnnnn nnnnnngggg 1140
ggggggggnc cennnnnttt ttnnnnnann nnnnnnnnnn nnnncnnncc cennntnaa 1200
annnnnnnnn nnnnnnnnnn aannnnnnnn nnnnnnnnnn nngggggggg nnnnnnnnnn 1260
nnnnnnnnnc cennnnnnnn ncnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1320
nnnnnnnnnt ntntngnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn gnnnnnnnnn 1380
tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1440
nnnnnnnnnn nnnnnnaaaa an 1462

```

```

<210> 22
<211> 1601
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(1601)
<223> n = A,T,C or G

```

```

<400> 22
cccgaagcac gacgcagagc ctccggtgtg gctgtctctg atggtgtcat caaggtgttc 60

```

```

aacgacatga aggtgcgtaa gtcttcaacg ccagaggagg tgaagaagcg caagaaggcg 120
gtgctcttct gcctgagtga ggacaagaag aacatcatcc tggaggaggg caaggagatc 180
ctggtggggc atgtggggcca gactgtcgac gacccttacg ccacctttgt caagatgctg 240
ccagataagg actgccgcta tgccctctat gatgcaacct atgagaccaaa ggagagcaag 300
aaggaggatc tgggtgtttat cttctggggc cccgagtctg cgccctttaa gagcaaaatg 360
atztatgcca gctccaagga cgccatcaag aagaagctga cagggatcaa gcatgaattg 420
caagcaaact gctacgaaga ggtcaaggac cgctgcaccc tgcagaaaaa ctggggggca 480
gtgcccgtca tctccttgaa ggcaaagcct tttgtgaacc ccttcttgge cccctgcctg 540
gaagcatctt ggcaagcccc ccnccctgcc ccttgggggg ttgcnaggct tgccccctt 600
ccttccanaa accggaaggg gcttgggggg gatcccccnn caggggggga aggggcnant 660
ccctttnccc cccannttgg ccnaaacng ncccccccc ncccccttgg nantttttcc 720
nttnttnccc tccccatncc cntttngcng gggtnnttng gnccttttcc ccnaaanntg 780
gggntttttt gnaancnttt tttnaaaann ncccntnttt ggggggnetnn nnaaanncn 840
naancccnna nngtntnccc ccccccccn ngggncccc ccccccnnt ntntnnnnng 900
gggggggggn aaanccccc nnnnnnnnnn nnnnnnnnnn nnaaaaaaa aannantn 960
cccccnntt tttccccccc nccccnngg gggnnccenn tcccccccn ttttttccc 1020
nannnnnnnt gggnnnnenna annttttttt tnnancccn cnnntnnnnn nnnnnnctcn 1080
nngnnnnnt ttncnntnt nttnnnnnnn nnnnnnnnnn nnnnnnantn nnaannnnn 1140
nnnngnaaaa acnatncccc ctnccttttn ccccnnggn ncnnnnccet ttnnccccn 1200
nnnnnnnnnn ttttncngn nnnnnnnnaa nggnccttn nntnaannn nccccctccc 1260
nngnnnnngn nccccaaagg nganaantgg ggncccccc cccnnngcn nnnnaanttt 1320
nnnttngggg gnnnnnnccc cccgcgcgc ctccnctcc ccttcgcgcc gcccgcgccc 1380
gccgtccgcc ccgccccccc nctccnctc cccgcgctc ctnccttnc tctccnccgc 1440
gccccgcccg cgcgcgcgct cgnctencc ncnncnnnn cccccnnnn nnnccgnnnn 1500
ananaagnn nccnaccnat cccccccgc nccccccnt nccgnnnnn nnnnnnnnn 1560
nncgcccnc ncccccncc cccnttctn ccccccntt n 1601

```

```

<210> 23
<211> 1566
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1) ... (1566)
<223> n = A,T,C or G

```

```

<400> 23
tttttttttt tttttgattt tttttaatgc tgcacaacac aatattttatt tcatttgttt 60
cttttatttc attttatttg tttgtgctg ctgttttatt tatttttact gaaagtgaga 120
gggaactttt gtggcctttt ttcctttttc tgtaggcgcg ctttagcttt ctaaatttgg 180
aacatctaag caagctgaag ggaaaagggg gtttcgcaaa atcactcggg ggaagggaaa 240
ggttgctttg ttaatcatgc cctatggtgg gtgattaact gcttgtaaaa ttaccgtttc 300
acttttaatt aattgtgctt aaggttttaa ttaaatttgg gggttccctt cttagagcag 360
ctcgactga cgaaggtgca tgcgctgaat gatgtcacgg cagtcggtga acacacggcg 420
gatgttctca gtgtcccagc gcangtgaat tgagggtagc agtagtgacg cccatctcca 480
ctggcagtg tgatcctcag aaactcatct cgaatgaagt acttggcccn ggtcacgcgt 540
gggtntcttt cnggctcngg agtancatnc tcangagtag ggtagcgagc aaattctgga 600
aagaagcctc aatcttctat tccccncaa ggactttctc ancganccan atcttgcttg 660
tttganggaa ccaggaatcc cngnnnaatg gngcncaacc ccttcttgtt ggttncccaa 720
aangcccntt gaaaaaaggg ttcaaaaanc cctccctgcc anggcggggg ttngggncct 780
ggnttgnccc ccccccccg naaaaaancn ctnttttnnn naaancttgn nttggnttgg 840
ggccccccc ccccnaaaaa aaaanaaaag gggnnnnnnn ccccccnnt nnttttnaaa 900
aanacccnng gggnanncce ccccttttgg ggggggggnn tnnnttttnn nnnnnnnngg 960

```

```

ggcccccccc cccnnnnnaa aaanaattnt ggggaaannn nnnanntttt tttncccccc 1020
ccnnngnnnaa aantnngnnn tnnccnaaaa tnncccnaaa nnnnnngccc cccnnnnnnnn 1080
aaaaannnnnn nntnnnnnnnn nnnnnnaanaa nnnnnccenn tntannncnn nnnnntnnnn 1140
naaaaanngng gcncnnnnnn nnnnnnnnnn tngnnnnnnn nnnnnnnnnn cnnntttttn 1200
ccnaaanntn nnnnntnnnn nngngggggnn aannngncnn cccccccna annnccccc 1260
nnnnngggggn nccccnnngg gcccnnnnnn nnncccnngn nnnnnnnnnn nnnnnnnnnn 1320
nnnnnnnnnn nccccngnnn nnnnnnnnnn nnnccnnnnn cnnnnnnnnn nnnnnnnnnn 1380
nnnnccnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnngnnnnn 1440
nngncnccnc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1500
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnncn nnnnnnnnnn 1560
nncccc                                           1566

```

```

<210> 24
<211> 651
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(651)
<223> n = A,T,C or G

```

```

<400> 24
cgctcggttg cgactcccg acgtaggtag tttggtgggc cgggttctga ggccttgctt 60
ctctttactt ttccactcta ggccacgatg ccgcagtacc agacctggga ggagttcagc 120
cgcgctgccg agaagcttta cctcgctgac cctatgaagg cacgtgtggt tctcaaatat 180
aggcattctg atgggaactt gtgtgttaaa gtaacagatg atttagtttg tttggtgtat 240
aaaacagacc aagctcaaga tgtaaagaag attgagaaat tccacagtca actaatgcga 300
cttatggtag ccaaggaagc ccgcaatgtt accatggaaa ctgagtgaat ggtttgaaat 360
gaagactttg tcgtgtactt aggaagtaaa tatcttttat tagagaaagt gttgggacag 420
aaagtacttt atgtaactaa gtgggctgtt cagaacttan aggcatTTTT tgtaatttct 480
ttttaattac tttnanagc tagggatgca aatgttttca gttagaaagc ctttatttac 540
ttttggaaat tgaacaanaa atgctttgtc ttanaactgg agaataattg atggtaggga 600
aacatgtaat ggttctctgg caaaattggn tcannatttg aatgaaann n 651

```

```

<210> 25
<211> 676
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

```

```

<400> 25
gggggacaga gactcagatg aggacagagt ggtttccaat gtgttcaata gatttaggag 60
cagaaatgca aggggctgca tgacctacca ggacagaact ttccccaatt acagggtgac 120
tcacagccgc attggtgact cacttcaatg tgtcatttcc ggctgctgtg tgtgagcagt 180
tggacacgtg aggggggggt ggggtgagaga gacaggcagc ttgnanntnn ttgcttngan 240
ntttcnctna naaccgcgna gcgcttnggt agggtnngcn anggatgnnn nncnttnttc 300
nnaagnnccc ngttcngngt canttgcttg nctcntctaa ctcnnnnnnn ccccnntttn 360
gtctcctnng ngntcnaccc nntctgnttc ttngntcnng nttgnctcg nnttntnttc 420
nnngctcngc ncgtntggtg nnntgngnat nannctnanc gngtttntnn attntnnctn 480

```

```

ncgtngancn catntgancc ttntnnngnt nttegnctnn nteganecgn ttcnngggncn      540
cncncnngnt cttnctnncc tcnccctttt ntentcttgn ttgtggcntn acctnnctcn      600
ttctntgtnt ncnngccttn nngtgnnnncn gatagtcnnc cctntttggn aatatctntn      660
tnntcncccc cctccc                                676

```

```

<210> 26
<211> 657
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

```

```

<400> 26
tttttttttt tttttgctgg gtggtaactc tttatttcat tgtccggaag aaagatggga      60
gtgggaacag ggtggacact gtgcaggctt cagcttccac tccgggcagg attcaggcta      120
tctgggaccg cagggactgc caggtgcaca gccctggctc ccgaggcagg caggcaaggt      180
gacgggactg gaagcccttt tcanagcctt ggaggagctg gtccgtccac aagcaatgag      240
tgccactctg cagtttgca gggatggata aacagggaaa cactgtgcat tcctcacagc      300
caacagtgtg ggtcttggtg aagccccggc gctgagctaa gctcaggctg ttccagggag      360
ccacaaaact gcaggtagtg atgtgcaaga ntccatcctg cagttttcca gcaatganaa      420
actcctcctg cggttggtgg acctggggaa gtatccgcan acctctcctg gcgggggtgt      480
agacnaaccg gatgtcaccg gcatecccta aagnttggaa ccttttatac atcttgggca      540
tcttgancctc ataacgctgg tataaggngg ntnggtngac ttttggnngt ccccccaant      600
gcccttgana ccaaggccgn aattncnaaa ggccccctgng gggggggggg acccagn      657

```

```

<210> 27
<211> 646
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

```

```

<400> 27
ggaangctga agaattaaca ntttgactnc taaatgtgat actggntngt anattccctt      60
agagcagaaa ggagaggggc acatattaat ttgtatcgct tttgcttctc tttggtcttt      120
tgtgtcttag aatttggaag tggttcattt ctggtgctgg tatgaggatt tcgaataactt      180
agtaatcgaa aaccatatcc tgtaatttaa taaaaaaaaac taaggaagaa aaaaccctcc      240
aattttccca aatgcaatca gtgtaactag gggctgtgtt tctgcattaa aataaatgtt      300
tcangctttg tggtcctgat caaggtcctc attaaaaaat tggagtccac cctagnctt      360
ttccccctctg tgactgggct cntccccccac cncctcttagg tatcgagtt attatgggnt      420
ncaaatnaag naatangntt nncaaatttn accaaanaaa gcattttttt cactgcnttn      480
tnattggggg gttggcccaa ccnctcaat ggntcttanc atggntggnt acccgcnacc      540
tttncntnaa cttggngnaa ncnngggcnn tacnnttctt gggggnaaat ngntnccnnc      600
cantccccnc ncntncnanc cgaancnnaa agggnaancn ngggggg                                646

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```

<210> 28
<211> 407
<212> DNA

```

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 28

caagagtctt	tgaaataagc	ccatttgagc	cctggataac	aagggataaa	gtggagcggg	60
tgacatcac	agacatgaaa	ttgcctcacc	tgcttggtt	agaagacctt	ggtattcagg	120
caacaccact	ggaactcaag	gccattgagg	tgctgcggcg	tcacgcact	taccgctggc	180
tgtctgctga	aattgaggat	gtgaagccgg	ccaagaccgt	caacatttag	tgctcctga	240
gcagctcttg	gttttggtc	cttttgggtc	ggcccatgtg	gtttgagcac	ccagccaggc	300
ggtctcttta	gaggatcctg	tacacagttc	cactattaaa	acatttcagg	ttgaaaaana	360
nnnnnnnnnn	nnnnnnnnnn	nanannnnnn	nnnnnnnnnn	nnnnnnng		407

<210> 29

<211> 625

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 29

tttttttttt	tttttttttt	tttttttttg	gggaccaa	attttttttt	gaaggaatgg	60
nacaaatcaa	acgaacttaa	gnnggatgtt	tggnacaact	tattgaaaag	gnaaaggaaa	120
ccccaacatg	catgcactgn	cttggggacc	anggaagtca	ccccacgggt	ntggggaaat	180
tancccnagg	nttanctttc	attatcactg	nntcccangg	ngngcttgna	aaanaaanat	240
tcnccccagc	cacattnnng	cncctccatn	ttgcncaagt	tggncacgtg	gncacccaat	300
tctttgaagg	ctttcacnng	ctnattnaag	naanggggtc	caatgaaanc	acaccantgg	360
ggggnatttt	tgntnnnnng	ccattgggca	attcccaana	tggtggaatc	aaattttttt	420
nccaaagnca	ngccctccca	atggattnaa	ancccntnnc	caatanaaca	nnnggntttt	480
ttatcctcca	agaaaaattn	ggcccntntn	gggntggaag	gttttnantat	tacaagcncc	540
ttcctttaaa	tggggaaaaa	nttttgtnaa	annttaaaac	cncntcgcca	agntttnaaa	600
agggnaggna	ngcngngggg	tacnn				625

<210> 30

<211> 643

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 30

cttaagaatt	ggcccagcct	cagatcctgt	cttagcaac	cagctaatat	ttacccagag	60
gtactgcaat	agagtatttc	aaaatggaat	caggatctgg	tgggcctcag	aaattgtctc	120
ttttctgagt	ttcaatttgg	ttctcctgga	tgttttgtc	tgttttggta	cctgtaatat	180
agggaaacac	aacttttttt	gggaaagccc	ttgacccca	gcttgctagt	tgcataataa	240

taaattttct	gttcctaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaanaaaaa	aaaaaaaaaa	300
aaaaaaaaaa	aaggngnaa	naaaaaata	ananggnc	gntaaaacnn	ggggggggcc	360
cntcaanttt	aaagggccct	ttaaancccc	tnnnnaanc	ncntggnc	ntttnttc	420
ccaccttttg	gnggnggnc	cncccccg	ncttttttg	ncctggggg	ccccccccc	480
tggtcnttnc	ttanaaaaa	nangaantg	cctccctnt	cngaaaang	ntctttttt	540
ttnggggggg	ggggggggg	ggaannngg	ggggggtgg	ggaaaaatt	nggggnttg	600
ggaaccnggg	gcccttgccc	ttngaaaag	aaccntggg	ttt		643

<210> 31
 <211> 645
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(645)
 <223> n = A,T,C or G

<400> 31						
gtgaaagctg	taaaacacct	tttatggaag	aaaagaaata	aaatgtagtt	gtcaagtcta	60
aaaaatagta	gcaacgggaa	tcataatgaa	tacatgcaat	gaatttaaaa	tgtaaaaatg	120
aatttaaaaa	gtaaaaaagg	ctctgtggtg	taatttttct	taactacaag	agtctaaata	180
cactgctttt	ctttaagagt	tcattttaat	tagtaacgtc	aaacaaaatt	attctagata	240
atgagcccta	caaattacta	ctaactagcaa	ctgtcatttt	ttactcgggc	atcctctagg	300
tgtcttacat	tctcatttta	ttcttacaac	gaactcatcc	tccagaagga	cttcaccttc	360
cagaaggact	catcctccag	aangactcat	cctccaaagg	acttctccag	aagggggaaa	420
tggaagaccc	gggtaacttg	ctcagggctt	atcacagaac	tatgtttgag	cctgacttcg	480
tttgaactct	aaagcccaca	tgctctttct	actgccccat	gcttctcaag	gnaccagact	540
cttatttntc	gcacttttga	gaatctnaag	atcctgantc	attttaaata	aatttagttt	600
tttggggagn	agcnnaaaa	aaaaaaaaag	ggcgccctcc	ncnnt		645

<210> 32
 <211> 668
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 32						
tcccggttctg	ttttaaacag	aaaataaaa	gagtgtgaag	tccttttctc	atttcaaagt	60
tgctaccagt	gtatgcagta	attagaacaa	agaanaaaca	ttcagtagaa	cattttattg	120
cctagttgac	aacattgctt	gaatgctggt	ggttccctatc	cctttgacac	tacacaattt	180
tctaatatgn	gttaatgcta	tgtgacaaaa	cgccctgatt	cctagtgcca	aaggttnaac	240
ttaatgtata	tacctgaaaa	cccatgcatt	tgtgctcttt	ttttttttta	tgngcettga	300
agtaaaacag	cccatnctnt	gcaagtcct	gtatgcngcn	cttaagcntt	ctatctttgc	360
tcaaatngnt	gaangatggg	gaccttggt	catggcttgc	gnatttgatc	ntaangnnn	420
tttctancta	tgntatgagg	cacnngccct	attggaggnc	gccccnggtt	tccggaaaag	480
ngcnntnntg	tnnggaattg	cnnctcggn	ttcaanaata	tncggnntt	gntttgnang	540
ccnngnnnan	caatcaggng	ngccccctna	antcatgnaa	gccccgnntn	aanncnctnc	600
nctnttctcg	nnntgggnnt	tccattgccc	gcctcgacgn	ggttngcctc	tcnccggcnn	660
cncgcncg						668

<210> 33
 <211> 682
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 33
 ggcttggtccg agttgatatg cgtatgcttt gcctaaaaag ccttaggaaa ttagaacttga 60
 gtcacaacca tataaaaaag cttccagcta caattggaga cctcatacac cttcaagaac 120
 ttaacctgaa tgacaatcac ttggagtcac ttagtgtagc cttgtgtcat tctacactcc 180
 agaagtcact tcggagtttg gacctcagca agaacaaaat caaggcactc cctgtgcagt 240
 tttgccagct ccaggaactt aagaatttaa aacttgacga taatgaattg attcaatttc 300
 cttgcaagat aggacaacta ataaaccttc gctttttgtc agcagctcga aataagcttc 360
 catttttgcc tagtgaattt agaaatttat cccttgaata cttggatctt tttggaaata 420
 cttttgaaca accaaaagtc cttccagtaa taaagctgca agcaccatta actttattgg 480
 aatcttctgc acgaaccata ttacataata aggattccat atggctcttc atattcattt 540
 ccattccatc tctgccagn atttggggat acccgcanaa aatttggggg ttgggggggaa 600
 aaatntggnc tggaaacttt tttanttnaa gggaaataat naggggngga aggggggggt 660
 ttntggnatg ccccccccg gn 682

<210> 34
 <211> 1549
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(1549)
 <223> n = A,T,C or G

<400> 34
 ttgagagata cctccctcct tctgctcagc tgccttgtag taattaaact ctttctctgc 60
 tgcaacaccc ctactgttct ccgtgtattg gcttttctgg gcagcaggaa ggaaaagctg 120
 atgcgatgct ctactgtccg cgtcgccaaa tactgtatg ctaagtgtca gaaaaaagct 180
 tggccagacc acaagcggga atgcaaagtc cttaaaagct gcaaaccagc atatcctcca 240
 gactccgttc gacttcttgg cagagttgtc ttcaaactta tggatggagc accttcagaa 300
 tcagagaagc tttactcatt ttatgatctg gagtcaaata ttaacaaact gactgaagat 360
 aagaaagagg gcctcaggca actcgtaatg acatttcaac atttcatgag agaagaaata 420
 caggatgcct ctactgtgcc acctgccttt gacctttttg aagcctttgc aaaagtgatc 480
 tgcaactcct tcaccatctg taatgctggag atgcaggaag ttggtgttgg cctatatccc 540
 agtatctcct tgcctaatca cagctgtgac cccaactgtt cgattgtgtt caatgggccc 600
 cacctcttac tgcgagcagt ccgagacatc gaggtgggag aggagctccc atctgctcct 660
 ggatattgctg atgaccagtg agggagcgcc cggaagcagc tgagggacca gtactgcttt 720
 tgaatgtgac tggtttccc ttgccaaaac ccaggacaan ggatgctgga tatggcttaa 780
 cctgggggga tgaaccaang tttttgggaa ngggaaagnt tnaaanaaaa tcccctggna 840
 aaaaaaantt tnaaanaaaa accttggan ggggcccccc ttgggaaaaa ngggggggan 900
 nnnnggtnt tngnccnnt ttnnccccn nnnnnnnct ttaannnnngn nnantttttt 960
 nnaanggggg nntnncccc nttnnaann ntntntcccc nnnnnnanggg ggggtnnncn 1020
 nnnccccng ggggnncnn ntnaacncn nctntnggn ggaaancntt ttttntcttc 1080

```

nncennnggnc ccnnaanant tttcccagaa nccccccng gggngnngnng gaaangnnnn 1140
nnccctcnn gggggttncc ccnnnaaaaa aaannnggnt ttttttttna nganccgggg 1200
acnccccnnn naaanntttt tnnaaagcgc cccccnnnt nnggnnnnnn nggnannnnn 1260
nnnttngnnn nttngeccnc cnttnnnngn ncnctcnnn nnnnnnnnnn nnnnnnnnnn 1320
nnnnnnnnnn nnnnnnnnnn cntntanntn ntgnaaaaaa nggnnnnnngn nnnnnnnnnn 1380
nnnnnnnnngn cccccnngng nnnnnnnnnn nnnnnnnnnn ggggggngn ggnnngcnnn 1440
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ncgnnnnnnn nnnnnnnnnn 1500
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnncngng nnggnnanc 1549

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```

<210> 35
<211> 1440
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(1440)
<223> n = A,T,C or G

```

```

<400> 35
ctaataag cctcaaactc gttattgggg ctataaagaa aacgtttact taccagctg 60
aaacaggtta agaataattc taatctcatt atagataatt gcccccatgg gacttgaaat 120
acaacacctt gtgctgaaaa cttcagggtt gcaatatttg aaggtttcgt tgtagaagag 180
tttaacatta actcctatit tgacttacaa atcttgtttc tcatcactaa aatgcttttg 240
aattaataat ccaaccacac tgagctgaga gtttttcttt tgtagaaaa gaaacagaca 300
tctttctgta tgaaagtata aattgtatgg ttttagatac ataagaattg acaaaagcga 360
gcgaaatctt tgtacttctg agttcttgct gtatgtatgt tttgttttaa atctgattag 420
ggacacccag cagctggccg ggattcttgg attgctcctt gggagttaag attgtcaata 480
ctcctgtgaa gcaagggtt tcagccatag aacaaagatt tattgttgcc acctgaaaag 540
tttacaagta tttattgtgt atttgataca ttgcttgaaa aagatgaaat ctgttaaaga 600
ttcttttccg atgtccagggt taagaagaaa cctccttgta ttgagtgaat ttatatgtta 660
aatggtatta gagaatgtag gtggnataga aattggattt ttcttgngng tngaacaacc 720
tcaagttcgg caaagtttaa aatttggtt aaacaagaaa aannggttca nggttgnaaa 780
angggacttg nttagggang ggacaanggc ctttaaanna ccngcgtccc ttctccnggc 840
nggcnnngcg ggcccncccc caanctntc cangcnttcg nccnccnccn nccncccttt 900
cctnntncca cnaanntctt tnnccntttt tacngggggg ggggnnnccn ncnccggcnn 960
cngnntnccg cccccanaaa nncnncntt ttcnncnnc ccttttncnn nnncttttnc 1020
cnnnncccc cccgnnnnnn nnnnnnnnnn nnnnnnnnnn nggnnnnnnn cccnnnnnnn 1080
nnnnnnnnnn nnnnnnnnnn nnnnnnggnc nngggnnnnn ttntnnnnn gggggncnnn 1140
nnnnnnngcg nnnnnnnnnn ngnnnnnnnn nnnnncgnc nnnnnnnnnn nnnnnnnnnn 1200
nnnnnnnnnn nccnngnna ncnaannncn nnnnnnnnnn nnnnnnnnnn nnnnnnnncn 1260
cnncnnnnnn nngnnngnng nngnnncnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnngn 1320
nnnnnncggn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1380
nnnnnnncnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn gnnncgaaga nggccnaccg 1440

```

```

<210> 36
<211> 1496
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(1496)
<223> n = A,T,C or G

```

<400> 36

tgcataccgt	ggaagggcgc	caggggtcttt	gtggattgca	tgttgacatt	gaccgtgaga	60
ttcggttca	aaccaatact	gcctttggaa	tatgacagaa	tcaatagccc	agagagctta	120
gtcaaagacg	atatcacggt	ctacctaac	caaggcactt	tcttaagcag	aaaatattgt	180
tgaggttacc	tttgctgcta	aagatccaat	cttctaacgc	cacaacagca	tagcaaatcc	240
taggataatt	cacctcctca	tttgacaaat	cagagctgta	attcacttta	acaaattacg	300
catttctatc	acgttcaacta	acagcttatg	ataagtctgt	gtagtcttcc	ttttctccag	360
ttctgttacc	caatttagat	taagtaaagc	gtacacaact	ggaaagactg	ctgtaataac	420
acagccttgt	tatttttaag	tcctattttg	atattaattt	ctgattaagt	tagtaaataa	480
cacctggatt	ctatggagga	cctcggctctt	catccaagtg	gcctgagtat	ttcactggca	540
ggttgngaatt	ttttcttttc	ctctttgggg	atccaaatga	tgatgtgcaa	ttcatgttta	600
acttgggggaa	acttgaaagg	ggttcccata	tancttcaaa	acaaaaacca	aatggtgtta	660
tecngacgga	tctttttatg	ggtntctaact	agtactttnc	taattgggga	aaagnaannng	720
cttnnagttt	tgcnaaatta	agtttggggg	aagggnata	attaaaaatt	gagggccccc	780
tnacnaaaac	caactggggg	ngtntaacga	aaaacctgt	tttnaaaagg	gggccttttn	840
cccctnnnnn	ngnntatntna	nttncccent	ttgccttttc	cnttttnnnn	naaacttttt	900
nnnttttctc	cccnancnnn	naaangngna	nngggtntcc	cccnangtt	nnntttnttc	960
nnnnnannna	nccccccctt	ngnggnncn	nnnggcentt	ttctcntngn	naanngtnt	1020
nnnannccct	tttgnncnnn	gggnnttgng	nttcggnngn	ccnngggggn	nnnnccnnnn	1080
gnnngnnnnn	gannangann	nnnggnggnc	gtntnnnngg	ccgcggggnn	nnngnnnncg	1140
ngnnnnnnng	nnnnnnngnn	cnnngnnnnn	ngnnnnnnnn	nnnnnangnn	nnnnnnnnnn	1200
nnngngnnng	ngnnnnnncn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1260
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1320
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1380
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1440
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1496

<210> 37

<211> 1604

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(1604)

<223> n = A,T,C or G

<400> 37

atgcagtcct	ggatggagcc	gactgcatca	tgtgtgtctgg	agaaacagcc	aaaggggact	60
atcctctgga	ggctgtgcgc	atgcagcacc	tgattgcccg	tgaggcagag	gctgccatct	120
accacttgca	attatttgag	gaactccgcc	gcctggcgcc	cattaccagc	gaccccacag	180
aagccaccgc	cgtgggtgcc	gtggaggcct	ccttcaagtg	ctgcagtggg	gccataatcg	240
tcctcaccaa	gtctggcagg	tctgtctacc	aggtggccag	ataccgccca	cgtgccccca	300
tcattgctgt	gacccggaat	ccccagacag	ctcgtcaggc	ccacctgtac	cgtggcatct	360
tccctgtgct	gtgcaaggac	ccagtccagg	aggcctgggc	tgaggacgtg	gacctccggg	420
tgaactttgc	catgaatggt	ggcaaggccc	gaggcttctt	caagaaggga	gatgtggtca	480
ttgtgctgac	ccggatggcg	ccctgctccg	gnttcaccaa	caccatgcgt	gttggtcctg	540
tgccgngatg	gaccccanag	ccctccttc	agcncctgtg	ccacccccctt	tcccanccaa	600
tccattaagn	cannaangct	tgtanaactt	cactctggnc	tgtaaacntg	gncacntggt	660
ngtnggggac	accttgggaa	ggaaaaatca	acnctcant	tgnaaaattg	gggtaangnt	720
tgccantcnt	gtttttaaan	gggacnagnc	gcgaggaagg	gctnanttnn	ttanantnnn	780
agggggcccc	cnnccccnat	nnanangggg	caaanaacgg	nanggnaaat	ngnttnnnnc	840
cttngnnngc	ncccccnng	gannnccenn	nncgnggnnn	nnnnagnngg	gntcanennc	900

```

ntncccttnt nctnnntgng gtnnnccnnn nnnccnnnnn cacgttnaaa annnaaatnn 960
ngncccnnnn gnnngcetca cncnnttngn ggrrngaccn anccaccngg cnatnggng 1020
ntgggnagggg ctctncnca aancantnng gncttcgtna ngngtggnnn nnnnnnnna 1080
ncnngntnnn nncncnnngc nannngttnn cngnntccn ccacttgtn tnncnannng 1140
ngtnnnngnn tngannntcn nngttgnat cccggaana cnannncgg ncnnggcnn 1200
nccnncnnn gnncnntccc nnncccnatn nngngggnnn nctgcnaact nnnngancn 1260
cnnnnnnnn gncncanncg antngngng nnnntnnnn nnnnnnnnn nnnnnnnnn 1320
nntnnnnnn nccgnttntg ctngcagtac tntcngnnt ntcnnnnnn ngnnnnnnn 1380
ncnnnnnnn nctngnaact tngnacgcn nagtcgact nctnggact nntnnncant 1440
cnggcnnngt nnnngntngn ngennacnn nnnacnnng cgnnnnnnnc ncatnncnc 1500
nctnanannn ggtnngngng nnnccctccn nnnnagnnnn natannngcn nnannncnn 1560
nnnnnnnnnc ngnnnnncnn nntcncgaa nanntgncac nacg 1604

```

```

<210> 38
<211> 280
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

```

```

<400> 38
tttttttttt tttttaattt atcagngett aaaaatcttc aaaatagctt agtgaggctc 60
atgacagtgc tggcccatg gaaatgtagc cttttgttgc gtttaaacac tgtcacacca 120
tctatgactg tccattggt ctgaagtgtg gtggcaaaact aagcatccta taagacaagc 180
taaagcttgc tttttgccag tcagttgaaa gtcttgcatc tcttactga tgcactttct 240
ttaggtattg atagtcagaa gcacaaagca tttattatgc 280

```

```

<210> 39
<211> 378
<212> DNA
<213> Homo sapien

```

```

<400> 39
cgagtttata atcctataat gaagaatact ggcacaggca atgctcactc gaaaacttca 60
agtaatttct agttggtttt ggaatgcttg ataaagtcc tttacagctt tattttcctg 120
atttgttttg gtttagatca aagttcaaact taattttaac ttagctaata aactcatcac 180
caggacagtt ggagggggta ggccgaggtt aaatgggtcca cgtttcaaaa atgttaatgg 240
ctaattcata attaaagaag gtttaactgt tactgaagtt tacaagtttt attgtcatga 300
acatgaaata caaacacgat ggcttcgaaa tgtctttcaa taaatgtttc tgcatttata 360
tggaaaaaaa aaaaaaaa 378

```

```

<210> 40
<211> 2039
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(2039)
<223> n = A,T,C or G

```

<400> 40

caacttttgt	agaagtat	ttttctctgt	aatattttta	ttggctcata	aagatgtttt	60
catatctgaa	ctcctaaata	agtgaaatta	cagtagatta	tattaacaaa	atacttttta	120
ggtagccatg	cttgagactt	tttaaaaata	taactttttc	cttaaagttt	tcagctatag	180
caaaaggtag	ttatgtatgc	cagacctaata	atgagctgcc	accaacaccc	ctagaacttt	240
cagccatggt	gtcttcagaa	ttgtagcgca	tttctgaatc	tagcaaatcc	tccttttacc	300
cgttgaatgt	tttgaatgcc	ctgactctac	cagcgcccat	aaatgatctc	tagaaggact	360
gttagtacca	acctgttttt	caactttgaa	gctaaaaacc	ctgatatggt	aatattatgg	420
tgcatacgag	aggtctcgga	aaaaaaatat	ttctgttcac	tttactttca	ggttaaaaaat	480
gtttctaaca	cgtttgcaac	ttcccttatg	gcattaatct	tgttgaggga	gagagacaga	540
atcctggact	ctccaaagta	tttaactgaa	agtagggcct	gctctgacag	ggcccatgtc	600
ccacaaggct	ggcttnggcc	tcaggggggg	gctttggctg	gtgcttgagg	tgaaaattgn	660
tgganncnng	tntttgggga	taaanggacc	aaanggacca	gccaaaagcn	aaaaaatngg	720
gntttttaaa	ngccttgggg	ggnttacctt	tttcntttaa	angnnggttt	naaagnatta	780
gggctaaang	ccanttttnc	aaaaaangct	cccnananaa	aatggtggaa	aagggnccct	840
tttggncgac	aggncctttg	nggaaaattg	cccccaneng	ggcccttttt	tgnccccccc	900
nncccaaaaa	aaagntgggn	ngaagnnttn	ttaaaaccct	nnngnggcc	nttttttng	960
nnaaancenc	cnccnngggg	gncgccccnc	ttntttnttt	ntnttccng	ggngnccnt	1020
ttttttncgg	cngaccncnc	gggntcaan	nnetgnanaa	gnngtatct	ggcngggnnn	1080
gcgcnngaaa	gnnnnngggn	ncngnggggg	nnnncgcncg	nnannnttnt	gnngggnaaa	1140
aaaaaaganc	cctctnttnc	tctcttntnt	naanntnnnn	ngnnnnnnan	ncnngcnnnn	1200
gnngnngnng	nnnnnnngnc	nnncnnnnnn	ggggggnggg	cnncncncnc	nnnnantnng	1260
gggcgnetcn	tnnnnnnccc	cnctnccggg	ncnnnnncnn	ggngngngcn	ntntngnng	1320
tcnngntgt	gtntgnnnng	ncnnncncnc	cnegnnnnnc	tnnnntntg	ntnngnng	1380
ggggngnnen	nnccncncg	tgnnnnntnt	nnnnnnnnnn	nganggnna	nnncnnncnn	1440
nnnnnnnnnn	gggngcnnn	nnncnnncnn	tnnnnnnngg	gnggnggggn	gnnnnnnnnn	1500
nnnggnnnng	nnnnnnnnnn	nnncncncnn	nnnnntngg	cgnnnnnnnc	nnccnnngnn	1560
nnnnntnnnn	nnnnnnnnnn	nnnnccnnnn	nnnnnnnnnn	nnnnnnnnng	nnnnnnnnnn	1620
nnnnccnnnn	nnnnnnngng	gnnnnanecn	tgngengnng	tnnnnnnnnn	nnnnnnnnnn	1680
nnnnnnnnnn	nnnnnnngnn	nnnnnnnnnn	nnangnnnnn	nnnnngnnnn	nnccnnnnnn	1740
gnnnnnnnnn	cnntgcgagc	nnnngncnnn	nnccnntgnn	nnnnnnngnn	tcgcnccnnn	1800
nnnnnecngg	ggcgntnnnn	ncnccccgen	gntgncnnnn	nnngncnnnn	ncnnnnnnnn	1860
ngnnntnnen	cnnnnnnnecg	nnnnnnnnnc	nnnagngnnn	ngngnncnnc	nnccnnnatn	1920
gannnnnnnn	ncnncnnnnn	nnnnnecgnn	nnngcnngnn	ngnnnnnnnn	nnnnntcncn	1980
nencnnngnn	nnngnnnnnn	nnncncncgn	gngnnngnn	cccgctccgcg	cgngcgcgg	2039

<210> 41

<211> 319

<212> DNA

<213> Homo sapien

<400> 41

tttttttttt	aaaaaaaaag	agtttattta	gaaagtatca	tagtgtaaac	aaacaaattg	60
taccactttg	attttcttgg	aatacaagac	tcgtgatgca	aagctgaagt	tgtgtgtaca	120
agactcttga	cagttgtgct	tctctaggag	gttgggtttt	tttaaaaaaa	gaattatctg	180
tgaaccatac	gtgattaata	aagatttcct	ttaaggcaga	ggctggtcga	gatgctgctg	240
ttatcttctg	cctcagacag	acagtataag	tggtcttgtt	tctaagattc	ctaccaccag	300
ttactttggg	ccaagtatc					319

<210> 42

<211> 524

<212> DNA

<213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(524)
 <223> n = A,T,C or G

<400> 42
 cctttttttt tttttttttt ttttctgatt tcaagtcaag atttattgct ttacaaacaa 60
 acattatact tgggtcttaat agaaaaatga caccagatac atccaaaata catttcacat 120
 tgggatagct gccagttcag cacaaaacat acattactag gagcagggag gcatgaaaat 180
 aaactatatac ttactttttg gtacgtcagg aacacttttg cctgaagtaa gcccttttagt 240
 actatttttt attttattta tttttttaat ccacccatct gcacactggn ccttttagtac 300
 tctttaagta taaaacttta ctgttcctgg gctttgacct ttgtgtttga tctaaatgac 360
 atttcaaaca taaatgtctt ttgactagtg cgcttactgn tatgtacana atttaaaatg 420
 tgatcgttng aatntaaaat ctgggtttgat acatgatata aaagttgtat atttaaaatn 480
 caagaaatgt ttttggggaa tatttctact aaagaatttt aaat 524

<210> 43
 <211> 103
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(103)
 <223> n = A,T,C or G

<400> 43
 cctttttttt ttttttttgc nngaaataag gaatctataa atctgaaata aagaaatccc 60
 attttaaatt aaattgttaa agagacacat aagaaaaaac act 103

<210> 44
 <211> 425
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 44
 gtcgacaaga taatgtactg acatctctag caatcttttt tgccagtggc tttaaattgc 60
 caataagtta aagaatattg ttcctatggg tttaaatttt attcttattt tcacatttaa 120
 atttattttt ctttaatttt gtggatacat aatatgtgta tatatgtatg ccatatatgg 180
 tatattttga tgcaggcata ctctatataa taatcacatt agaggaaatg agatatccat 240
 tacctctagc atttattctt tttattacaa gncaattcaa ttgtacactt tttagttatt 300
 tttaaattta caatgttatt gattacaggg tcatttttat ggtcataata aaaaatttta 360
 tacaaaacgt gtaaaaatcta tacatttctg agttctgaat aaatattttt taaaaatttt 420
 aaaaa 425

<210> 45
 <211> 492
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 45
 gtcgactgcc cccaccgctg ggcggcgctg cggggcaccg aggcctctgca gtcagcgccg 60
 cgccgggaat cctgtacccg ggcgggaata agtaccagac cattgacaac taccagccgt 120
 acccgctgcg agaggacgag gaggcgccg ctgatgagta ctgcgctagt cccaccgctg 180
 gaggggacgc aggcgtgcaa atctgtctcg cctgcaggaa gcgccgaaaa cgctgcatgc 240
 gtcacgctat gtgctgcccc gggaattact gcaaaaatgg aatatgtgtg tcttctgatc 300
 aaaatcattt ccgaggagaa attgaggaaa ccatcactga aagctttggg aatgatcata 360
 gcaccttgga tgggtattcc agaagaacca ccttgtcttc aaaaatgtat cacaccaaag 420
 gacaagaagg ttctgtttgt ctccggtcat cagactgtgc ctccangattg tgttgtgcta 480
 gacacttctg gt 492

<210> 46
 <211> 499
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

<400> 46
 cctttttttt ttttttttat aacatttata taatgtgcta acaatgaatc catccatgat 60
 ttattgtttg taatgaactt aaaataaccc ttacaaattt aaaatcattt tttcaaacat 120
 gacttcatat tgaaatggtt ctgttaaaaa agtaaaagt ttcaattttcca gccaathtag 180
 catctaggac ctgaatcttg ccaatatcct acccactatc ttcatctcta cctcctaccc 240
 cttcaaata gctcctccag actttcctat ttctgtcacc ccagttcaaa atgggtttca 300
 ccatgcattt gatgtaaaat gtgcaagtgc gatatgactt cacaagtat caattgtgtg 360
 gacaatgata actactgtga cactgctagc accctggctt aaaaagtaaga agcaacaaaa 420
 ttacacaggg ttctttctg atgaatgcag nanggattca agaaatccca ganctggaaa 480
 aagattttca atagatctg 499

<210> 47
 <211> 537
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(537)
 <223> n = A,T,C or G

<400> 47
 gtcgacattt ttctgaggaa tagtttgtga ttccaatgca ggtgtcttca ttaccattac 60
 ctctacactg cagaagaagc aaaactcctt tattagaatt actgcacatg tgtatgggga 120
 aaatagttct gaaaggctag aatgatacaa gtgagcaaaa gttggtcagc ttggctatgg 180
 agtgggtggc ataattctta aacattccaa aagaccatga gctgaaccta aactcccttg 240
 gaatctgaac aaaggaatat aaaattgcc tttgaaaact gaccagctaa tctggacctc 300

```

agagatagat cagccagtgg cccaaagcca tttcaagtac agaaattata gagactacag      360
ctaaataaat ttgaacatta aatataattt taccactttt tgtctttata agcatatttg      420
taaactcaga actgagcaga agtgacttta ctttctcaag tttgatactg agttgactgn      480
ttcccttatt cctcaccctt tccccttccc tttcctaagg caatagtgca caactta      537

```

```

<210> 48
<211> 556
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

```

```

<400> 48
gtcgactttt tttttttttt ttagnnntat aaaatatttt atttacagta gagctttaca      60
aaaatagtct taaattaata caaatccctt ttgcaatata acttatatga ctatcttctc      120
aaaaacgtga cattcgatta taacacataa actacattta tagttgttaa gtcaccttgt      180
agtataaata tgtttttcac ttttttttgt aataaggtag ataccaataa caatgaacaa      240
tggaacaaca atcttatttt gttattcttc caatgtaaaa ttcctctctg gccaaaacaa      300
aattaaccaa agaaaagtaa aacaattgtc cctctgttca acaatacagt cctttttaat      360
tatttgagag tttatctgac agagacacag cattaaactg aaagcaccat ggcataaagt      420
ctagtaacat tatcctcaaa agctttttcc aatgnctttc ctncaactgn ttattcagta      480
tttgccagtc acaaaataaa gattgggtct caactctctc tttcattagt ctcaagngtt      540
cctattatgc actgag                                     556

```

```

<210> 49
<211> 355
<212> DNA
<213> Homo sapien

```

```

<400> 49
gtcgaccgag cctctcccac cctcagtcgc atagacttat gtgttttgct aaaattcagg      60
tattactgaa ttagcgttta atccacttcc tttcttcttc ttctaaaata ttgggcactc      120
ggttatcttt taaaattcac acagaaaaat tccgtttggg agactccttc caatgaaatc      180
tcaggaataa ttaaactcta gggggacttt cttaaaaata actagaggga cctattttcc      240
tcttttttat gttttagact gtagattatt tattaataat ctttaataat aggaaaaggg      300
gaaagtattt attgtacatt attttcatag attaaataaa tgtctttata atacc      355

```

```

<210> 50
<211> 507
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

```

```

<400> 50
cctttttttt ttttttttaa aaaaaaaaaa ttctgtttat tgtaataatt aaataagagt      60
aaacatttta aaacatataa aaataacttt aaaatatagt aacactttac aaaatatgta      120
tctaattaaa aatacattaa catagcatcc ctcaactat acaaatatag aatatatatt      180

```


catgaaattc	tttanaaata	taacatctat	tctttgaata	aagcttaaaa	tttgtttata	240
attttcaaac	taanaaaaga	agtagngaag	aatagctcca	tccaatttat	aattgtctta	300
aagagaatga	ttatgtatca	tttcttgctt	gtcttttcta	ataccagctc	aatcacctgt	360
acagcattgt	tgtttgctgt	tttcttcatt	tcttcaaata	gaccccttga	aagtttttaa	420
gaccccttag	atagaactta	gagatttcaa	agagacgctg	gctgcatgca	gtgaaacatt	480
catgagtctc	ggtaataactg	ngtttct				507

<210> 51
 <211> 538
 <212> DNA
 <213> Homo sapien

<400> 51						
gtcgacgcaa	aagtttgact	aaactttacc	tttttatagt	ttcacttttt	aagtttatatt	60
tagaatatat	tgatagatta	taaattgatt	gtgaaacttt	tttctgaatt	ttttcaacat	120
gttttactca	gttacatgag	ttaaaggata	ttttcagtc	tggtatcttc	aattgcagtc	180
tttaaaaaaa	cccaccctat	tgttctactt	gttatatgtc	tattcatata	gtaaattcat	240
ttcaagggtt	atgccagtgg	gtattattgg	tgctttttga	agttgaggtg	aaccatccag	300
gaaggtcttg	ttaatgttat	gttcactctat	aatggcatag	gggaaatata	tatatTTTTA	360
atattgtaaa	catttgctact	gaataaacctt	tttttcccc	cctccgcaag	caaaactggt	420
tgaacagcgg	atgaagatat	ggaattcaaa	gctctaattg	acctttttga	agagaagttg	480
tggcttatgt	ggagtttaca	tgggcctctg	atggaagaaa	gctaattctgt	ttagtatt	538

<210> 52
 <211> 504
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(504)
 <223> n = A,T,C or G

<400> 52						
cctttttttt	ttttttttta	aagtacaaat	tcagtttatt	catctgttta	tgacacagta	60
cacaggaggc	aaagtgtttc	acatcataga	cttcacttcc	aactccttgg	aatgttcatt	120
tctttggctt	acaggagaga	ctagacagga	aggccaggca	atgcttaggc	aactaaaatg	180
aggttggggg	taatgctaac	gtcaccccca	cagggatggc	cacggggact	gttattcgca	240
agctggtttt	ctagacctgt	tagctggaag	catggtgagc	accatttctg	gacgctcagg	300
ccgtntcggg	cttcagtcac	ntccaccaca	caggtacagc	agcgctttct	ggtagtcgcc	360
cttagtgtct	tgctggatat	aatagtagag	ggacttgccg	tactttctct	tgaattcaga	420
cctaattttc	aacatgtcca	cttcactgng	ggagaccatg	attctgatca	ggacccttat	480
ctcgcgtccc	cttgcccttc	atgg				504

<210> 53
 <211> 489
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(489)
 <223> n = A,T,C or G

```

<400> 53
gtcgcacttta gatgtacagg ctgacanana agattcccga gagtaaatca tctttccaat      60
ccagaggaac aagcatgtct ctctgccaaag atccatctaa actggagtga tgttagcaga      120
cccagcttag agttctttctt tctttcttaa gccctttgct ctggaggaag ttctccagct      180
tcagctcaac tcacagcttc tccaagcatc accctgggag tttcctgagg gttttctcat      240
aaatgagggc tgcacattgc ctgttctgct tcgaagtatt caataccgct cagtatttta      300
aatgaagtga ttctannatt tggtttggga tcaatnggaa agcatatgca gccaaccaag      360
atgcaaagtgt tttgaaatga tatgaccaa attttaagta ggaaagtcac ccaaacactt      420
ctgctttcac ttaagtgtct ggcccgnaat actgtaggaa caagcatgat cttgntactg      480
tgatatattt                                     489

```

<210> 54

<211> 577

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(577)

<223> n = A,T,C or G

```

<400> 54
cctttttttt tttttttttt aagaactcaa tacatggctt ttaattattg tctataattt      60
aaggaaataa tcacctacaa ataggatgtt tctcaagttg gcttacaaat ttgttacttg      120
gcagactgaa aacatttccc acagaacaaa tattatacac aatgggtggg ttcctttggg      180
taatgcataa tgtttactcc ataatttatt taccacaaa catgaattga acatttcttt      240
gtgccanaaa ctattctaac actagaaata caatagtaat gaacaaatag aaaaaaatcc      300
tattgtcatt ggtattacat ccatagtttt ttctccaaga gaataaaagt aagtaaaata      360
tatagaatta tagataatga tatatgctat ggtgaaaaac aaagctgggt aaagggatag      420
agaatggggg aaggataatt ttaactgatt attagtagaa tgtactagta tctctgttct      480
aaaaggattt aagataggtt ttacttacgg aacctaagta ttacaaataa aatagcaatg      540
cttacactag gaaagacttt caactgagaa gcattat                                     577

```

<210> 55

<211> 483

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(483)

<223> n = A,T,C or G

```

<400> 55
cctttttttt tttttttcac caataattat tttattcagg gagtaaatgt tattaattgc      60
caaaatacga attttaaatt tgagaagtac agatttgtaa gtatatattt gtttgaatag      120
tatcanattg gccttttatt ggcttattgg tatttagngc cagcacttac aatgtgaact      180
cagcaacaga agataattct tatgaaatca acattcaact tacatgaaat aacttaaaaa      240
cttaccaaca atagtctaatt gatttatata ctttaccaaa caatgtctaa tgaaagtcca      300
aatgtaaaaa tttaaaaaatt aaaattatag aatataattt ttacacatca attgttttgt      360
agcaccatct cgcaaagnaa atatcatggt tattctgtag ctaaaatttc tccccacaag      420
cagaaattgt ttggaatata caaaaagaca acccattaac aagtaacttt aagtaatgta      480
ggtt                                     483

```

<210> 56
 <211> 521
 <212> DNA
 <213> Homo sapien

<400> 56
 gtcgaccaga ctttaagcatt gagttttttac catcttccac ttttaagctaa gttatgatac 60
 ctattccatt cacaattgggt gttctttttta aggtttgcaa atttcagcca attttgtagc 120
 taagattggt ctgatcagct caaaaagatt tggcttagtg ttttcattgc aaattataat 180
 tgctgtagag ccacacacaa cttttgaact tttaattata agtggtatgg cttaaagttat 240
 ttactgaaaa tttcagtaaa atgtgtgaat gtttctttat gtattaacct catagcagta 300
 aatgacttgc tgttggttaa tttttctaag gcatcttaat agacttctgt tgaaaaacttc 360
 agtggttaaca tttttatagt ttgtactaaa ttttaaccgtg atataaaaaat gaattttatg 420
 catagatcag gaatttttaa ttaaagggtt tttcttttaa aaaaaaaaaa aaaaagggcg 480
 gccgctcgag tctagagggc ccgttttaac ccgctgatca g 521

<210> 57
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 57
 cttttttttt tttttttaca acttcacatt ctttaatggt cattcagaat attaaatgcc 60
 attaatgac catcattatt ataaaaatta ctatttagat aagtgaagtt tagtacagt 120
 ctatttaaaag tatggaactg ttactgggtg gtgatcagta cagaaattga gactaagcat 180
 ttagaaacct agagcaattt gacgtagcaa tcttctgtct gttgaatcta ataacaaaaa 240
 aaattttttc aattttgcat atctttttta aatttaattt gtcaaggaat tcatttttag 300
 catattttac aaaaacatca ttctcctatg gagactattt ggaaatacaa ataagaaaac 360
 tggttcttac cacagatagt ttttagaaaac ctgttttagn gtaaagccat catttagtat 420
 aaagncatct attattactg ttactctgaa gtggttactg agcattacaa cagtnggtng 480
 gattataagt ttgtttacta aanatgctag gatttattaa ctcatgtata tatttattga 540
 ga 542

<210> 58
 <211> 261
 <212> DNA
 <213> Homo sapien

<400> 58
 gtcgacagag aaggtctatg tcaacagagt tggtatctca tagagccagt tttcaaagct 60
 ctttctgcat tgtcactcac tgatcaggtg atgaattctt cctagatagt cgcccactcc 120
 acctcctact taacctgaga ctcatatttt agctatttct gcttttgtaa aaataattca 180
 gatattaaac tccaatttta atctatcatc caagggtaga tgtagttgct tagtagcatt 240
 ttggaaaaaa aaaaaaaaaa g 261

<210> 59
 <211> 480
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(480)
 <223> n = A,T,C or G

<400> 59
 cctttttttt tttttttaaa atatagaagt tctgagttag acctgttttag ctcanaatag 60
 tgggctaaac taccataaaa ttctctgtat atcttaaagt gtaatgggtc aaaaactcca 120
 gaaaatcatc agttgataac acacctacag ataagtgcac gggtaggagg ggatagccaa 180
 gtgcccataa taatttgacc tcagtaaatt aaactgggca atacacatat ttgctattct 240
 gatactgcat tagacttata aaattccatc taataagcat tcataaaaact ggacctctct 300
 gtatatatct agcttagaca gggatagggg aaagaataac tgaagaaact agcttacaat 360
 agctaggttt cgtcaggctt attctatcca gccagaaacc accaccagag agaagctgag 420
 ccattcagct gnetgtctcc tctccctctg ttggaatagt catgcctagg ccttgctgca 480

<210> 60
 <211> 493
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 60
 cctttttttt tttttttggt ccttctgttt atttcatttt ggatactcag tgaatgttaa 60
 ttaaccagga aacttaaaag ttatttcaat tatgaacctc ttcaatcctt catcaattat 120
 tttgagtatt ctggtcttaa aaacatctct ttcttctaca aacttctgaa agagatgaac 180
 acctccacct acaccaaact aatgtgcttt gctggccaaa agtacacgtc catttttact 240
 taacagtcta aggaaagtct ggtgcaaatt actataataa tctgggttgt aaatggtttc 300
 tgaggtgaga atgagatcat attttcaaaa aagtttttca ctacttagta caagcttaca 360
 aaactcagac cactcaccag aaaaaaatcg gcatttatat agttgngtta cttttgggtt 420
 cctgcatctt ttcacatctg gtcattttac atcattttct tcactctcca aagtggagtt 480
 agtactaca tta 493

<210> 61
 <211> 532
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(532)
 <223> n = A,T,C or G

<400> 61
 tttttttttt tttttttgaa aaatataaaa ttttaataaa ggctacatct cttaattaca 60
 ataattattg taccaagtaa ttttccttaa atgaactctt tataatgcat aatttacagt 120
 ataagtagaa caaaatgtca tgacaaaagt cattgagtag aagacttgta ataaaaaggc 180
 ataaaaatata tttatacata aacccttttc aaaaaacaag ggaaagcttg agccctcaat 240
 atagggcgac acacggagcg ggtgaccgtg caggtacagg tactgtactg atttaaagtc 300
 aagcactaga gatagnngat taatactctt ttgccgtaca ctatatacag atgtatagta 360

```

caagtaacaa tggcaaacag aatgtacaga ttaacttaac acaaaaaccc gaacatcaaa 420
atgaaggtgt gtggaggaaa ggtgctgctg ggtctcccta caactgttca tttctttgng 480
gggcaggggg tagttcctga atggctgngg tccaatgact aatgtaaaac aa 532

```

<210> 62

<211> 567

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(567)

<223> n = A,T,C or G

<400> 62

```

gtcgactttt tttttttttt taagtatttt aggcatattt aataaataac ttcagtaaatt 60
agcactgtaa aaagtgaact gttaaaaacta aaggcactta aaacaagaat gtgactagtgt 120
tgaaacaaga tgggcaactc aaatggtgag aagtaaacat acagtgggtct gttatggcac 180
taactcaaag taagactcgc gtaggtgaga gctgttgcat agccacagta taacttcaca 240
tgttcattaa aaaggcaaat tgaccgctaa aacttcaaag aaaaagtact cataaaaaaa 300
gtcttacctc aaaattgcaa acaataacat taaaagatta gaagaggtga tagaaagcac 360
cagacattaa acaaaaataaa aataataaaa taaattcaac tcaaaagggtc cccattcagc 420
aaatactttg taaaagtatg gcctgtatgt aaatagttgc taaatcaagg acttttttagc 480
agaaaattgc tcggttcttt tatctaaggc ttgaatttgt aaagngaagg cataaaagtt 540
nccaaacatt aagtaactct taaaatg 567

```

<210> 63

<211> 247

<212> DNA

<213> Homo sapien

<400> 63

```

gtcgacaaac aaacttggct tgataatcat ttgggcagct tgggtaagta cgcaacttac 60
ttttccacca aagaactgtc agcagctgcc tgcttttctg tgatgtatgt atcctgttga 120
cttttccaga aatttttttaa gagtttgagt tactattgaa tttaatcaga ctttctgatt 180
aaagggtttt ctttcttttt taataaaaca catctgtctg gtgtggtatg aaaaaaaaaa 240
aaaaaag 247

```

<210> 64

<211> 330

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(330)

<223> n = A,T,C or G

<400> 64

```

cctttttttt tttttttttt tttttgacat ggagtcttac tctgtcaccc aggctggagt 60
gcagtatgtc aagctcggct cactgcaacc tcaggcagga ctatttttta ttatttttta 120
tacctgcaaa agggaaatctg cacatgcaca tccgtgtttc tacanaaatc tgcgatcgat 180
ggcagatctg tttgcctttg ngtgtccaca tgaaccattt ggcaaaggca tccaatgcta 240
acggggccca ccaactacaa cggaggcaac aactctgngg attttntttc acagaaagag 300

```

taaaatttca ttcaaccgtt ccatgtcgac

330

<210> 65
<211> 486
<212> DNA
<213> Homo sapien

<400> 65
cctttttttt tttttttact aggcaaagaa ctttattaat ctttgtttca aacttgattc 60
ccaggcttct tgcgcttaat tagctgcaaa gaatgaattg tgtataagca aaaactgaaa 120
agagctgcag tgtccaagggt gcttgggctt aaaaatatta gagatctaga ttttatcaga 180
tccataaaca aaaatttctt aaaaagcagt cataatataa aatagcagct cccagtaact 240
tcttcagggt ttatcttcag aagttgactc aattcagttt gcctcattct tggaagcctc 300
atcaaaattc tccacaagat ctggaacttc atcatcatca tcctctccag tagcaagtgg 360
tgcttttcca tccacagatt gtttgggcag agcttcggcc agtctcctta aactagtcag 420
actatccgca ccaagctggt ttaagatgct gggtagcatt tctgtcagct gctttgtctc 480
agcatg 486

<210> 66
<211> 503
<212> DNA
<213> Homo sapien

<400> 66
gtcgaccgtc agacagcaac tcagagaata accagagAAC aaccagattg aaacaatgga 60
ggatctttgt gtggcaaaaca cactctttgc cctcaattta ttcaagcatc tggcaaaagc 120
aagccccacc cagaacctct tcctctcccc atggagcatc tgcgtccacca tggccatggt 180
ctacatgggc tccaggggca gcaccgaaga ccagatggcc aagggtgcttc agtttaatga 240
agtgggagcc aatgcagtta ccccatgac tccagagAAC tttaccagct gtgggttcat 300
gcagcagatc cagaagggtta gttatcctga tgcgattttg caggcacaag ctgcagataa 360
aatccattca tccttccgct ctctcagctc tgcaatcaat gcattccacag ggaattattt 420
actggaaagt gtcaataagc tgtttggtga gaagtctgcg agcttccggg aagaatatat 480
tcgactctgt cagaaatatt act 503

<210> 67
<211> 519
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

<400> 67
cctttttttt tttttttgaa taaatttttt ttttattttt acaccataat ccaattctag 60
ttatcttaat tgaatttgaa aacttttttca attgcattaa atttacaAAA aagttctccc 120
acattacact aaagcattcc tcatgtttca cttccagtac tcagatactg aatgagtaaa 180
atcattttat tggctctctt ttaattaaact ccttcaaatg cacattgttt aaaaactgac 240
taggtcaaaa atagttacnc ctgcagggtg acctattcag actttgccaa actcctccaa 300
gttcaatata aattgacgtt ttccagagta aaagtcaatt ttacggaaac gctgttcctc 360
cttttccatg gagccaatct gggtaatttt ttcatataaa ttcttcttct gctgttttgc 420
tgcggaactc tttgagctgc tgtagccgct cgatagtttc anaaatggtg cgttccccgt 480
ggaccttatt gtctctttgt gcggatatna acagtgcc 519

<210> 68
 <211> 495
 <212> DNA
 <213> Homo sapien

```
<400> 68
gtcgactaaa gctgaagaga taaaagaggt tgtggggcta tgtcttaaga caaaagaaca      60
tttagaaaac ctcaggaaat gatcagagtg ggatagatgt tactagaaga aacaaagaaa      120
ttgaattcaa ttaggagtta gaatcattta caaagcaatg gggaaagtaa gcccctaaaa      180
actattgtag catatagtaa ccagagccaa actctcataa tatattcccc aaggcaaaaag      240
aaaaatattt acaagattgg cgttggttta tatgtttgca aacttattta ataagtctgg      300
ctttgtagat ttcatatctg agtctgcatt caatcaaaat gtcttggtta aacttcatga      360
aaaaacccca gctcataaaa ttagtagttg gaaaaaggag gcatatttag agctttttca      420
gataattgta tttctttgat acattagact ggacacacag tagtttggtt aagggttaatt      480
gcaatattgc aatga                                         495
```

<210> 69
 <211> 525
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

```
<400> 69
gtcgacgcca ccatgttcga ggcgcgccctg gtccagggct ccacctctca gaaggtgttg      60
gaggcactca aggacctcat caacgaggcc tgctgggata ttagctccag cggtgtaaac      120
ctgcagagca tggactcgtc ccacgtctct ttggtgcagc tcaccctgcg gtctgagggc      180
ttcgacacct accgctgcga ccgcaacctg gccatgggag tgaacctcac cagtatgtcc      240
aaaatactaa aatgcgccgg caatgaagat atcattacac taagggccga agataacgcg      300
gataccttgg cgctagtatt tgaagcacca aaccaggaga aagtttcaga ctatgaaatg      360
aagttgatgg atttagatgt tgaacaaact ggaattccag aacaggagta cagctgtgta      420
gtaaagatgc cttctggtga atttgcacgt atatgccag atctcagcca tattggagat      480
gctgntgtaa tttcctgtgc aaaagacgga gtgaaatatt ctgca                                         525
```

<210> 70
 <211> 511
 <212> DNA
 <213> Homo sapien

```
<400> 70
gtcgacattt tatatataat actactaatg gcatagatta acaaaatatt ttacatgtag      60
gaaaggacat aagattactt ttaaagaata gtatgaaata cacaatattc aaatgtgttt      120
gcaatgccta ccaaatttca aatgtgcctg gatcatgtat aaattaagga aagaaaaaag      180
gatcatgtat aaattaagga aagaaaaaat gtaagtatac aacctacacg gtaaaaaaca      240
aaaccaaaaca cctgggttaa aatatctatt taagctcgag tgtataacct taacaattt      300
gtgtatcact agaaaaatgg atttattagt aaaatttagg gcagagattt tattttggac      360
accactgcct ttgtagaaaa atccaaagtg gcataaaaag aaaaataaaa tattaaaaga      420
aaaaatatat attatcattc ccatgttccc atcctgttac tagcattgct gttctggtgc      480
atcaatcctg agtactctaa cttttgattt a                                         511
```

```
<400> 74
gtcgacataa tctaggcattg aagagcaaaa atatcccttc cggagtcttt gaagctgaaa      60
ataataaaaca aataaaaaat aaaaaaataa aaaccacaaa aaatgttgaa ccaaacctcc      120
```


ctgctaattct	ccatgcccac	gttctttccc	accctgttcc	cagtcttctg	acaaactgtg	180
tacatagcgg	actcctcctt	tctcctccga	ggtggtttta	aaggcttttt	ggtgtataga	240
agtttgtcca	tttgtaaaac	tccggattgc	gttcctcccc	gccttccgcc	ccttcccttc	300
cctaaagtga	tgggctttct	cttttctctt	tttagtttac	ccggtttctt	tttaagtaat	360
gtggaagaaa	atggtttatt	ttgtattgng	gtattgaata	ttgngttcct	ttttatgagg	420
caaacctgat	tgtaaacctt	atgtaactat	agactggaaa	aaaatgagcc	gngccaaaag	480
tctncccttc	tgttttctca	gcacattgac	ccatnncaca	cacatacaca	cca	533

<210> 75
 <211> 485
 <212> DNA
 <213> Homo sapien

<400> 75						60
gtcgaccttc	cctaggctgt	ttctgctggg	cgctccgcga	agatgcagct	caagccgatg	120
gagatcaacc	ccgagatgct	gaacaaagtg	ctgtcccggc	tgggggtcgc	cggccagtgg	180
cgcttcgtgg	acgtgctggg	gctggaagag	gagtctctgg	gctcggtgcc	agcgcctgcc	240
tgcgcgctgc	tgctgctggt	tccccctcag	gcccagcatg	agaacttcag	gaaaaagcag	300
attgaagagc	tgaagggaca	agaagttagt	cctaaagtgt	acttcatgaa	gcagaccatt	360
gggaattcct	gtggcacaat	cggacttatt	cacgcagtgg	ccaataatca	agacaaactg	420
ggatttgagg	atggatcagt	tctgaaacag	tttctttctg	aaacagagaa	aatgtccctt	480
gaagacagag	caaaatgctt	tgaaaagaat	gaggccatac	aggcagccca	tgatgccgtg	485
gcaca						

<210> 76
 <211> 417
 <212> DNA
 <213> Homo sapien

<400> 76						60
cacgctgggt	ttgcatcttc	aggagacgct	cgtagccctc	gcgcttctcc	tcggccaatt	120
cgcggaagaa	gtggctcacg	ccttccagag	ccacatcctc	gcggtcgaaa	tagaagccca	180
gagagaggta	ggtgtaggag	gcctgcaggt	acaaattgac	caggctgttg	acggctgcct	240
ccacgtcggg	ggaataattc	tgacgaatct	gggagctcat	ggttggttgg	caagaaggag	300
ctaaccacaa	aaacgggtgct	ggcaggtccc	agaagcagga	gatggccgag	aagatggtcc	360
cggagggttg	aagcggagag	gaaatcggag	ggcggtcgga	ggctggaaga	gagtccccgg	417
atctgttccg	tccaaacact	gttgaagcaa	gagacagacc	cgcgggaccg	cgtcgac	

<210> 77
 <211> 547
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 77						60
gtcgaccttt	tattaagaat	atattttatc	aggcattttg	ataacaaact	gttactctaa	120
gtataggtga	tttaccaggt	gtattttaaa	aagtaaatga	atcccactgt	agtttttctt	180
gaaggaaaaa	tattttctcc	agttgctgag	gggtactaaa	agcttcatac	acattagcag	240
caaagtcttt	cacttgctcc	attgtcaaca	gacctgaac	aaaatgacta	ggtgtttcac	300
tgcaaaactga	atggatctgt	ccgtttacta	ttggaattat	cttagctaaa	ggcaggctga	

```

cactggaaag actattcata gagttaccat gttgcaggto ctgttcagta ggtcgaaaga 360
actcagccat attgtctaga agtctactaa aacctcgggt taaacaggta ttcaaaactg 420
tactaaaatc tgggctttcc aacatgtctc tagtttcatt gagaagttta atagtggtaa 480
tgtctcgagg agaangtcca caggcctgca ctgctaattg agtttcttca tctggcatca 540
tataatg 547

```

```

<210> 78
<211> 499
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

```

```

<400> 78
cctttttttt tttttttttt ttttnaaaaa aaatcttttt ttatttcaaa gattgcttct 60
tatattgaag ctcatattaa agcaacagta caatgttcat aaaatataag tgtgatgccg 120
taacattttc ttacatgtca gaatactgat atttatatgt atactaaaat aagaacttta 180
aaattgtaca aatagatata ttaaaaatga catagaaata gggcgtctnt cactgaaaca 240
agacagttat atctggcacg tattagttta agatgaaagt agaagcaaaa agatttaca 300
gaatcagcag taacaagatt gatgctcaag agacataatt gtacattgna ttgtacatac 360
attgtatggg ttttaagctgg ctgaatntta tatatttcaa gtttaaaaaat gcactacata 420
tagagtgtcc agagtttaag gcgaaattac agctcanaac tgntgncctt tctaattttg 480
gggaagcttn tttgacaac 499

```

```

<210> 79
<211> 370
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

```

```

<400> 79
cctttttttt tttttttttt ttttaaggag caatgacatt tcctagaagt tactttaaga 60
atttccctag agggtcgggt atcatctcan ccagatcttt ctcatccttc aaggccctgt 120
ttggtacagc ttgctaggaa gctgttccag actgcagcag cctctctctg ggtctctcta 180
ccacttccca ggcactcana acttgtgcct cannanaactg ttttgtggca ctgncccatt 240
ctctgattct ccatgtgagc tggttttatc ccatccagca tggtctgtgaa atcctaaagg 300
ttcaaaccoc agccactctt cacctatatt tcccccaaat ggctagcacg ggaaagggcc 360
caaaggtagg 370

```

```

<210> 80
<211> 428
<212> DNA
<213> Homo sapien

```

```

<400> 80
gtcgacaaaa agggaaggaa ggagagacag ataactctca gtcattttaa aaactacaat 60
aaaatattat gaattatcaa ttagatcaaa gttcctcaca gctatatatta tataggtaaa 120

```

```

aaaaaattaa ataggctaaa tgcccaaaaa tttaagactg gcaaaatata cttggctaaa 180
tactgtgcgt ctctattaaa taccatgttt cagaagaatt attaatgaca tgagaatatg 240
ctcaaaatac atattgatat gtgcaaatac atattgcaaa gtaagattat agaatgatcc 300
tagttcaaaa atgtcacata tatatgtatt taaaaaaaaa ggcagttaag atttacaaca 360
aaatgttagt ggtgggacct tctggttaga atacagattt ttttttattc agaagttttt 420
tgatgtcg                                     428

```

```

<210> 81
<211> 533
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

```

```

<400> 81
cctttttttt tttttttatt tttaaaattt ttttattttg aaataattat aaattatcag 60
aaagttgcaa acaaaagcca gtcagggtccc atgtaccagt ttcactgcca ccatctttta 120
aggaggatta gacgaatctg actgctaaaa gtggcccagg gattctggag aaaatccaac 180
aggtttgcta tcaggaaagc aatttcactt acaattcagg tttgactgca agtgaaagtg 240
gttgaaacaa gtgagaagnt gattgcttcc tcatataata gtctaaatgt aggtgtccaa 300
gcctggaata gaggtcctgg tcctctaagt tctcaggaac acaggcttct tttagccact 360
ccacatctct aggggtgttg cctcatggtc caaaatggng actggaattc cagccatcac 420
atntgctttc caggcagcaa aatggaagaa ggggcacana agaacagaga tgacaatagg 480
tataaacaag ctctcttttt aaaggagatt cccaggagct gctacatgac act 533

```

```

<210> 82
<211> 493
<212> DNA
<213> Homo sapien

```

```

<400> 82
gtcgacccgc gaagatgcag ctcaagccga tggagatcaa ccccgagatg ctgaacaaag 60
tgctgtcccg gctgggggtc gccggccagt ggcgcttcgt ggacgtgctg gggctggaag 120
aggagtctct gggctcggtg ccagcgccctg cctgcgcgct gctgctgctg tttccctca 180
cggcccagca tgagaacttc aggaaaaaagc agattgaaga gctgaaggga caagaagtta 240
gtcctaaagt gtacttcatg aagcagacca ttgggaattc ctgtggcaca atcggactta 300
ttcacgcagt ggccaataat caagacaaac tgggatttga ggatggatca gttctgaaac 360
agtttctttc tgaaacagag aaaatgtccc ctgaagacag agcaaaatgc ttgaaaaga 420
atgaggccat acaggcagcc catgatgccg tggcacagga aggccaatgt cggggtagat 480
gacaaggtga att                                     493

```

```

<210> 83
<211> 501
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G

```

```

<400> 83
cctttttttt tttttttgta ataaagacac tgcttttatt tagtttgata tgtttcttta      60
cagaatgcag aaaacacatc ttaaaatcat atagaaggaa ataaaaacac atcagtgggt      120
ggtgaacact tgaatgtgag attggctctc catctcacag agtccaacgg ccatcaccag      180
cccagcgctc aggggagcag gctgcctgca aaggcattgt tgctgttggt attctgttca      240
ctgccccatc gcctccagtt gctatggcaa caggccattc tgggccagcc acgtctctgc      300
atggcagtgc ccaatgggtg agttgctagg ggcgacggag ctgtttggaa ggcctttcaa      360
agccctcacc tggaacattg ggaattgttt attttttgat gaggncatca gaaataatct      420
tcaccagggtc agatcccact tgtgctcctg tctctggggc accaggggaa actctgactt      480
ggaggcatga gcccagtcac c

```

<210> 84

<211> 454

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(454)

<223> n = A,T,C or G

```

<400> 84
cctttttttt tttttttttt ttttatgcta ataaaacatc ataatttaag gactacactg      60
cattttttta ttccataaat tataatcctt taacatatat gaaagtttca tattcttaaa      120
gngctttaaa atatatttta tttttttaac aagtggaaaa gaatgtttct taaaagacat      180
ttaatttttt agtggaaatt aatattacca aaaacattct gtgcataaca attgaataa      240
caattttttt atcttcaaga aatgggattt ttatataaaa tacacatgta gcactgaatg      300
ccaaagtgat gggatatccat ggtcanaatt caaaattaga ttcgctatta aacctgtctg      360
gtttgtgtcc tgagtgaana atgatctcga gctggggagg gaggtgcatt gggtaatcag      420
tgcttttgaa ggtgaatttc cttgctngna aata

```

<210> 85

<211> 509

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(509)

<223> n = A,T,C or G

```

<400> 85
gtcgaccgct ctcagctctc ggcgacgggc ccagcttcct tcaaaatgtc tactgttcac      60
gaaatcctgt gcaagctcag cttggagggt gatcactcta ccccccaag tgcatatggg      120
tctgtcaaag cctatactaa ctttgatgct gagcgggatg ctttgaacat tgaaacagcc      180
atcaagacca aaggtgtgga tgaggtcacc attgtcaaca ttttgaccaa ccgcagcaat      240
gcacagagac aggatattgc cttcgccctac cagagaagga ccaaaaagga acttgcataca      300
gcactgaagt cagccttatc tggccacctg gagacggtga ttttgggcct attgaagaca      360
cctgtctcagt atgacgcttc tgagctaaaa gcttccatga aggggctggg aaccgacgag      420
gactctctca ttgagatcat ctgctccaga accaaccagg agctgcagga aattaacaga      480
gtctacaang aaatgtacaa gactgatct

```

<210> 86

<211> 520

<212> DNA
<213> Homo sapien

<400> 86
gtcgacgggc gccaggggtct ttgtggattg catgttgaca ttgaccgtga gattcggcctt 60
caaaccaata ctgccttttg aatatgacag aatcaatagc ccagagagct tagtcaaaga 120
cgatatcacg gtctacotta accaaggcac tttcttaagc agaaaatatt gttgaggtta 180
cctttgctgc taaagatcca atcttctaac gccacaacag catagcaaat cctaggataa 240
ttcacctcct catttgacaa atcagagctg taattcactt taacaaatta cgcatttcta 300
tcacgttcac taacagctta tgataagtct gtgtagtctt ccttttctcc agttctgtta 360
cccaatttag attagtaaag cgtacacaac tggaaagact gctgtaataa cacagccttg 420
ttatttttaa gtctattttt gatattaatt tctgattagt tagtaaataa cacctggatt 480
ctatggagga cctcgggtctt catccaagtg gcctgagtat 520

<210> 87
<211> 171
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 87
gtcgacgagt acagtatcag ctgagctgac cttactctga ggactaactc ttttgctgga 60
agcggtttct gatttacagc tcttggtttc tcccagacat gttggtggga gagatttttg 120
tttttaaggg gttgttagat ggagtaaann ttctttaagn nttaattttt t 171

<210> 88
<211> 508
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(508)
<223> n = A,T,C or G

<400> 88
cctttttttt tttttttttt tttttgnagt aaaaaatctt tatttcctaaa atgatttggt 60
agccaaaaga actataaacc acctaacaag actttggtta gaaagagact tgatgcttct 120
tataaattcc ccattgcaaa caaaaaataa caatccaaca agagtcattg taccatttct 180
tagccattaa cctgggttta agtctccaaa atcaggattt taaaatgtac ccaactggga 240
ccaaatacaa acatgagaca ctagggnggc ttgtccttga ttaggaatca ccagcttaag 300
gaactttatc atgggctgag agttagatag atagcttana acaacattgc aaaagnnggt 360
gcttctacat gaggactttt ttccccccaa gtagaaaaat aattaaatct tgngtttctt 420
tatattgngc tttttttggg agaaagcaat tcatttaagg atttaaaaca tgttggatac 480
aaagtagtgc canagatgta ataatggt 508

<210> 89
<211> 508
<212> DNA
<213> Homo sapien

<400> 89
gtcgcacggga taaatagaaa gcagaatgaa ttaatggaaa agaactcggc tgtaggccca 60
ttctctaaat tctagtttag ccaaaagttt atgtgtggtt tggggcttca tttatttatc 120
tcatgagtaa aatggaataa tacctaacag gcaggctctg gaagttggaa atcacatata 180
cacacacaca cacacagaca cacacacaca cgatcaatca tgtagctcat attagatggt 240
caataaataa cagctactac agatgcctat cagttgagta agtagttcat taaattgagc 300
tcccaaaggt ctcttctctt cacatccata tccgtttctg cagcaatcaa atagatacat 360
gattgttttt ctgtaagaaa ttactgcaaa gagaatcttt ttctcctact aactgttcct 420
tctacctggt ataggagata aatgtacgtt tcttaattag ctgacttttt agtatgtcat 480
ttctgaagga aaaataaatt aaccttaa 508

<210> 90
<211> 531
<212> DNA
<213> Homo sapien

<400> 90
gtcgacacga gtcccgctt ctctccttga atccactcgc cagcccgccg ccctctgccg 60
ccgcaccctg cacaccgcc cctctcctgt gccaggaact tgctactacc agcaccatgc 120
cctaccaata tcagcactg accccggagc agaagaagga gctgtctgac atcgctcacc 180
gcatcgtagg acctggcaag ggcatcctgg ctgcagatga gtccactggg agcattgcc 240
agcggctgca gtccattggc accgagaaca ccgaggagaa ccggcgcttc taccgccagc 300
tgctgctgac agctgacgac cgcgtgaacc cctgcattgg ggggtgcatc ctcttccatg 360
agacactcta ccagaaggcg gatgatgggc gtcccttccc ccaagttatc aaatccaagg 420
gcgggtgttg gggcatcaag gtagacaagg gcgtgggtccc cctggcaggg acaaatggcg 480
agactaccac ccaagggttg gatgggctgt ctgagcgctg tgcccagtac a 531

<210> 91
<211> 426
<212> DNA
<213> Homo sapien

<400> 91
gtcgacaatt gaggcctaca agagagggga gcctaggagc ttggattgac cttctagtca 60
accacctgac ttcagcacac cattacaatc gggagactaa accaacaacc agaggatcta 120
aatgtcaca ttcagatttt caggaagaaa atcttcatta cagtggagca caaatgttcc 180
atacaagaca tcattgagga gccatgctgt ccccttctaa cctgaaacac attctttccc 240
atcctggttg ggcttctgta cctccttatt aatttatgaa cctgaagttg cttgaagtgt 300
tttgggctta ataaatgggg tgaaagtata ggtagcagta acacctacat gaaacaatac 360
acctggatc ttttaactta aattactttt cttttttaag tctacttta aaataaatac 420
ttctgt 426

<210> 92
<211> 223
<212> DNA
<213> Homo sapien

<400> 92
gtcgactttt aaagcaattg actaggagaa actatttgta gcttatataa caaggactat 60
atataaataa aaaactatct ctatgaaaat cttaaaatta cacacagtcc gatgaaaata 120
atcatatatt aaaaaggcaa accagaaaaa taaatacaga tgacaaaaat ccatgtgaca 180
tatttggcct aattagtaat tagaaaaaaa aaaaaaaaaa aaa 223

<210> 93
 <211> 486
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(486)
 <223> n = A,T,C or G

<400> 93
 cctttttttt tttttttttt tttttttttt tctcaaatat ccaattttat tttatcattc 60
 tcgcattggg ggatgcgac tgcagctagg atcggaattc ccaggcctat anatttttaa 120
 accacaccac aggggtaaac cttaaaagaa gngaaaccta acactatata tatttccatt 180
 tctaaataca gtatattaca naagttttaa tatnccacct ntgngtactt acaactntaa 240
 aaagatncaa tanctctacc aattataaat aatgtancat ttcataattaa agacattatc 300
 gtncaatgga anaataggaa cccntnaacg tatcactatc aagggttagng tctatatcta 360
 cttganataa aatactgaaa attcagngta tgaagccaaa tcctgattta acaagttatt 420
 ggtagtataa gtgataagtg ttanctgatg aagggaaggc aaatgtggta atttatatct 480
 ctgaca 486

<210> 94
 <211> 214
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 94
 cctttttttt tttttttttt tttttttttt ttttngcaa cacaagtcaa tctttattga 60
 aaactgcagt attaatacat aacaattcct gttacaataa acgtgctttt ganattttta 120
 aatctgagct catctcatca gattgcataa aaaattaaaa tagtntcaat tgacacctaa 180
 ctgaactggc tcaggatgga aattccattc cttg 214

<210> 95
 <211> 463
 <212> DNA
 <213> Homo sapien

<400> 95
 gtcgaccaga attcagagcg aatggtcaca gttggtcgct gggcaaaggg aatgagtgca 60
 gactatgaag aaatttttga tgtacctaaa ccgcaaaaac ccaaaacaaa aatacctaaa 120
 gttgttaatt tttgataaca gctagcacta tcatgagtta ctacctcatt gttactttct 180
 aaaccaggcc cgcttcacga gttagagttg agctcccctg tagccaggac tatgctgtag 240
 atatcagtat gatctgggtg tggccaaaaa caattttcct tattctgtct atcaaatagt 300
 acttctacca ctgtttggag aaaattgaag aaaagaataa gatgattaaa tgaattctct 360
 aaaagaacat attttaagag acagaactta gacataacca agtagttgta tacctgattg 420
 taacaatcat cttttataaa agcaaaatta tgcataaatg taa 463

<210> 96
 <211> 606

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(606)
<223> n = A,T,C or G

<400> 96
gtcgcacttta aaagtgcctc ggcacccctgt attacatgtc atagaattgt aaagtcaaca 60
tcaattacta gtaatcattc tgcactcact ggggtgcatag catgggttaga ggggctagag 120
atggacagtc atcaactggc ggatatagcg gtacatatga tccttagcca ccagggcaca 180
agcttaccag tagacaatac agacagagct tttggtgagc tgtaactgag ctatggaata 240
gcttctttga tgtacctctt tgccttaaat tgctttttag ttctaagatt gtagaatgat 300
cctttcaaat tgtaatcttt tctaacagag atattttaat atacttgctt tcttaaaaaa 360
caaaaaaact actgtcagta ttaatactga gccagactgg catctacaga tttcagatct 420
atcattttat tgattcttaa gcttgtatta aaaactaggc aatatcatca tggatacata 480
ggagaagaca catttacaat cattcattgg gccttttatc tgtctatcca tccatcatca 540
tttgaggcct aatatatgcc aagtactcac atgggatgca ttgngacata aaaaagactg 600
tctata 606

<210> 97
<211> 530
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 97
cctttttttt tttttttgta gattttttgc tatgttactc aggcctggtct tggactcctg 60
ggctcaagcg atcctcccac cttggcttcc caaagtgcc a ggattatagg catgagccac 120
catgctcggc ctgctccttt tcttgaaaca cctcctctgt gggttagatt ccaggagact 180
ggaatggtct gccctggtgg gctgctgagt cagggacctg aggtggttgt tcaactggga 240
ggcgggttca gatcaggaat gtaaggatga tggaaagaag ggagtcactc tggtttggtg 300
ggactgggga gcaatcttga tcacggccac ttacagcttc tgccattgtc cttcaccact 360
atctcagcat ctcggtccct cacgatgtcc ctccagtcaa ttgtgtccat gtgacaaagc 420
ttatcggttct tctcaatata aacacccctt gacagaatct cggtgagctg agtcaagcgg 480
agctggcgca naggctggct ggagttggtg ttatagttca acatgacgaa 530

<210> 98
<211> 479
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 98
gtcgacgggtt agtttctgcg acttgtgttg ggactgctga taggaagatg tcttcaggaa 60


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atgctaaaat tgggcaccct gcccccaact tcaaagccac agctgttatg ccagatggtc 120
agtttaaaga taccagcctg tctgactaca aaggaaaata tgttggtgtc ttcttttacc 180
ctcttgactt cacttttgtg tgccccacgg agatcattgc tttcagtgat agggcagaag 240
aatttaagaa actcaactgc caagtgattg gtgcttctgt ggattctcac ttctgtcatc 300
tagcatgggt caatacacct aagaaacaag gaggactggg acccatgaac attcctttgg 360
tatcagaccc gaagcgcacc attgctcang attatggggg cttaaaggct gatgaaggca 420
tctcgttcag ggggcctttt tatcattgat gataagggta ttcttcggca gatcactgt 479

```

<210> 99

<211> 502

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(502)

<223> n = A,T,C or G

<400> 99

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cctttttttt tttttttgta agtttaaatt tattttttta aaatgcttgt ctccctcact 60
agacaatcaa ctctatgagg gcagagacta tgtcaccact gtcccaccag cccctggcac 120
acagtaggta ctcaataaat atatgttgaaggatggatg gaggtaatgg atggaaagat 180
ggatggaagg atgaatggag ggatggatgt gaccagctg aagtgtgagt aggaacattc 240
tcttattatg ggtggaggaa agagagagga gattgagaaa ataagataaa atacattgat 300
gagcatcatt tttggtgttc gaaaagtagg attgaattag gactaataaa tctagagaat 360
tttacctctt tcaatgccc agccacactt ttctatcact ttgaaaccga aaaagtaaatt 420
actttcccaa catttgcttt gctggtagga aatgctttta taaaaatgca atctctangt 480
tgccatggca tcattaaaag aa 502

```

<210> 100

<211> 537

<212> DNA

<213> Homo sapien

<400> 100

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gtcgaccctt tccataaatc cttgatgatt gacaacaccc atttttcctt ttgccgaccc 60
caagagtttt gggagttgta gttaatcatc aagagaattt ggggcttcca agttgttcgg 120
gccaaggacc tgagacctga agggttgact ttaccattt ggggtggagt gttgagcatc 180
tgtccccctt tagatctctg aagccacaaa taggatgctt gggaagactc ctagctgtcc 240
tttttctctt ccacacagtg ctcaaggcca gcttatagtc atatatatca cccagacata 300
aaggaaaaga cacatttttt aggaaatgtt tttaataaaa gaaaattaca aaaaaaatt 360
ttaagacccc ctaacccttt gtgtgctctc cattctgctc cttccccatc gttgccccca 420
tttctgaggt gcaactggag gctccccctc tatttggggc ttgatgactt ttctttttgt 480
agctggggct ttgatgttcc tttccagtgt catttctcat ccacataccc tgacctg 537

```

<210> 101

<211> 611

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

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<400> 101
gtcgacctaa aatgaagtgt ttgaaatcag aaatctatct ctaatgtctc atagcttttaa 60
aactatTTTT gtccttatac tcatacttgt tattttatct tattcatcct atatagccat 120
ttgactgaaa tgtagaaaaat aatttattaa attgagaaaa tatgcaggca ttgaacaatc 180
tttcaagtat tttgaataaa aattcaaatt attatagatt gcctggaatt gttaaagactg 240
tcagaagggtc agctcattga tagctaagta gtatacactc tgaaaaacag aatgtagaaa 300
tgggttttat aaaagctgac ctctagagta aaggaggacc cagcatgtgt aattcttcct 360
cttaatactt taagaccact aatttgagga cttatggttt ctcaccactg cactcttgca 420
gctttcaaga aagtacttaa gttttaaatg cccaggtgat ttctaagact cttgaataga 480
attggttggg ttcttctgat attgcatttt catgagaaaa aatttcagtg gtacattaat 540
ttttatTTTT ccttttgctt atagacttcg catatcattt aaagtgatgg ttcgagcttn 600
ctctggatac t 611

```

```

<210> 102
<211> 498
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

```

```

<400> 102
cctttttttt ttttttttta acgcatatct gtttttatct ataggtaact accacatgaa 60
ttataaagac aacaaaggat gtcagaatga acatggatag gtgtatgcat actacggcta 120
aggagaaaca atgttcctac atattatggg tagtgagAAC attatctgta taacagggaa 180
ctgtgattat ttaaaaaatat gcagaactta tttcatctgt gctttanaaa taactgtata 240
cagtgttata agttgaaaag aactcaaat aactaatacc aaatatacac ctatgtatta 300
naattcaaaa aagctgcttt ctgtgaagtc aatcagctat attaaaaaat gacacaaatc 360
caaaacaaga tgcattgtat atataaaggg acattgtaag tttccttgct gcattaaacc 420
catggtttaa tccatgaaat ttctttttaa ttatcattta gacagaagca tgcaaatagt 480
ctcaggatct acttaaga 498

```

```

<210> 103
<211> 446
<212> DNA
<213> Homo sapien

```

```

<400> 103
gtcgactctt ggtgtttttg tatttccacc tcacccccag cacatagccc agtctcttgc 60
acaaattaag tacttaatgt gtgttgagct aaattgaata aaggattatt agcattagca 120
tattttgtgc cttggttgta taagctgggt gtttgttttg ttacctttgc aaatatttat 180
gattatcacc ccccccacata ctaaattggt tttaaaagtt ttgcctttcc ttcagatact 240
accccaggca atttgcctgta gataatgtga ttgcttccaa tgacataatt atcccaaact 300
ctctgccccg gatatacttt gccaaacgaa atttgaattc tctgaataaa ttgggtcatgt 360
cctaaaaaaa aaaaaaaaaa aaaaaaaggg gcggccgctc gagtctagag ggccccgttt 420
taaaccgccg tgatcagcct cgactg 446

```

```

<210> 104
<211> 286
<212> DNA
<213> Homo sapien

```

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 104		
gtcgaccttc gttatccgcg atgcgtntcc tggcagctac attcctgctc ctggcgctca		60
gcaccgctgc ccaggccgaa ccggtgcagt tcaaggactg cggttctgtg gatggagtta		120
taaaggaagt gaatgtgagc ccatgccccca cccaaccctg ccagctgagc aaaggacagt		180
cttacagcgt caatgtcacc ttcaccagca atattcagtc taaaagcagc aaggccgtgg		240
tgcattggcat cctgatgggc gtcccanttc ctttcccat tcctga		286

<210> 105
 <211> 406
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 105		
gtcgacgcgt agcagagtgg tcgttgctct tctaggtctc agccggctcg cgcgacgttc		60
gcccgtctgc tctgaggctc ctgaagccga aaccagctag actttcctcc ttcccgcctg		120
cctgtagcgg cggtgttgcc actccgccac catgttcgag gcgcgcctgg tccagggtc		180
catcctcaag aaggtgttgg aggcactcaa ggacctcatc aacgaggcct gctgggatat		240
tagctccagc ggtgtaaacc tgcagagcat ggactcgtcc cacgtctctt tgggtgcagct		300
caccctgcgg tctgagggct tcgacaccta ccgctgcgac cgcaacctgg ccatgggcgt		360
gaacctcacc agtatgtnc aataactaaa atgcgcgggc aatgaa		406

<210> 106
 <211> 258
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(258)
 <223> n = A,T,C or G

<400> 106		
gtcgacgatt ttttttgtac attttggtct cagtattggt ggtagaatat actataatat		60
ggatcatctc tacttctgta tttatttatt tattactaga cctcaaccac agtcttcttt		120
ttccccttcc acctctcttt gcctgtagga tgtactgtat gtagtcatgc actttgtatt		180
aatatattan aaatctacag atctgttttg nactttttat actgttggat acttataatc		240
aaaactttta ctagggtta		258

<210> 107
 <211> 369
 <212> DNA
 <213> Homo sapien

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<210>	110
<211>	196
<212>	DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(196)

<223> n = A,T,C or G

<400> 110

cctttttttt	ttttttcatt	aaataancca	tcatcacatt	agtacaatac	aattttatat	60
tttttaaata	tactatatat	gttaaggata	aggggtgaag	ttttcttcct	ttgtaatacc	120
tggtcaagag	tttaatggat	taggagatta	gngttaacct	tgaggataaa	agtncaaatt	180
tgtctcatta	ggacac					196

<210> 111

<211> 544

<212> DNA

<213> Homo sapien

<400> 111

gtcgacctca	gccggtcgtc	gcgacgttcg	cccgtcgcgt	ctgaggctcc	tgaagccgaa	60
accagctaga	ctttcctcct	tcccgcctgc	ctgtagcggc	gttgttgcca	ctccgccacc	120
atgttcgagg	cgcgcctggt	ccagggtccc	atcctcaaga	aggtgttgga	ggcactcaag	180
gacctcatca	acgaggcctg	ctgggatatt	agctccagcg	gtgtaaacct	gcagagcatg	240
gactcgtccc	acgtctcttt	ggtgcagctc	accctgcggg	ctgagggtct	cgacacctac	300
cgtcgcgacc	gcaacctggc	catgggcgtg	aacctcacca	gtatgtccaa	aataactaaaa	360
tgcgcgggca	atgaagatat	cattacacta	agggccgaag	ataacgcgga	taccttggcg	420
ctagtatttg	aagcaccaaa	ccaggagaaa	gtttcagact	atgaaatgaa	gttgatggat	480
ttagatgttg	aacaacttgg	aattccagaa	caggagtact	gctgtgtagt	aaagatgcct	540
tctg						544

<210> 112

<211> 378

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(378)

<223> n = A,T,C or G

<400> 112

gtcgacacgg	cttccgcacg	gtcatccgcc	ccttctacct	gaccaactcc	tcagggtgtg	60
actagacggc	gtggcccaag	ggtggtgaga	accggagaac	cccaggacgc	cctcactgca	120
ggctcccctc	ctcggtctcc	ttcctctctg	caatgacctt	caacaaccgg	ccaccagatg	180
tcgccctact	cacctgagcg	ctcagcttca	agaaattact	ggaaggcttc	cactagggtc	240
caccaggagt	tctcccacca	cctcaccagt	ttccagggtg	taagcaccag	gacgccctcg	300
aggttgctct	gggatcccc	cacagcccct	ggncagctct	cccttgncac	tggtctgaag	360
gtcattaaaa	ttacattg					378

<210> 113

<211> 530

<212> DNA

<213> Homo sapien

```

<400> 113
gtcgacgtcg ttgtctttct aggtctcagc cggtcgtcgc gacgttcgcc cgctcgctct 60
gaggctcctg aagccgaaac cagctagact ttctccttc ccgcctgcct gtagcggcgt 120
tgttgccact ccgccaccat gttcgaggcg cgctgggtcc agggctccat cctcaagaag 180
gtgttgaggg cactcaagga cctcatcaac gaggcctgct gggatattag ctccagcgg 240
gtaaacctgc agagcatgga ctcgctccac gtctctttgg tgcagctcac cctgcgggtct 300
gagggttcg acacctaccg ctgcgaccgc aacctggcca tgggcgtgaa cctcaccagt 360
atgtccaaaa tactaaaatg cgccggcaat gaagatatca ttacactaag ggccgaagat 420
aacgcggata ccttggcgct agtatttgaa gcaccaaacc aggagaaagt ttcagactat 480
gaaatgaagt tgatggattt agatgttgaa caacttgga ttccagaaca 530

```

```

<210> 114
<211> 178
<212> DNA
<213> Homo sapien

```

```

<400> 114
gtcgacattt cttcctaata ttctataatc tccaactcct gaaaaccctt ctctcaacta 60
atactttgct gttgaaatgt tgtgaaatgt taagtgtctg gaaatttttt ttttctaaga 120
aaaactatta aagtacttcc tagtagggca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 178

```

```

<210> 115
<211> 211
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(211)
<223> n = A,T,C or G

```

```

<400> 115
cctttttttt ttttttttng gntcaatctt ttatttggaa caaaggaaaa aaggactgac 60
accagtttag cctttgagtg tgcaaagctc tgccctccct cccacccctn agccccaat 120
ccaanatttc atagccctaa caccaccca agcagnttcc ctcacacatg ccctttgntt 180
tcttctctc ttctatggtt cttaggnaa a 211

```

```

<210> 116
<211> 439
<212> DNA
<213> Homo sapien

```

```

<400> 116
gtcgacctgt cactcactac atgaataagc aaatattgtc ttcaaaagaa tgcacaagaa 60
ccacaattaa gatgtcatat tattttgaaa gtacaaaata tactaaaaga gtgtgtgtgt 120
attcacgcag ttactcgctt ccatttttat gacctttcaa ctataggtaa taactcttag 180
agaaattaat ttaatatagg aatttctatt atgaatcatg tgaaagcatg acattcgttc 240
acaatagcac tattttaaat aaattataag cttaaaggta cgaagtattt aatagatcta 300
atcaaatatg ttgattcatg gctataataa agcaggagca attataaaat cttcaatcaa 360
ttgaactttt acaaaaacca cttgagaatt tcatgagcac tttaaaatct gaactttcaa 420
agcttgctat taaatcatt 439

```

```

<210> 117
<211> 357

```

<212> DNA
<213> Homo sapien

<400> 117
gtcgcactcca aattgacttt gcagcagggt ggcagggtca ggagagtctg gtcctgccta 60
gtcagatatt catggcacct gcacttgaag caagtcaactt ctttatcaca ggtgtcttga 120
aacattagct tcttttacca acctgagaaa attaggatga cctggcaaat aagatcttga 180
ataggccaaa agcaagtatc ttgctgtgtg tagtctcttg gttaaagtga agaaacagta 240
ctgttcacac ctttcttcac tgagattcca gtgtacatga gaacatatat ttattgcatg 300
atcttctaga tacacagtct atgcattatt catatacatt tatttttagcc taaagtg 357

<210> 118
<211> 431
<212> DNA
<213> Homo sapien

<400> 118
cctccctgag gaaattagga acctgttggc agatgttgaa acattttagt cagatatata 60
gaaaggagaa aattttatcca agaaagcaaa ggaaaagaga gaatccctta ttaagaagat 120
aaaagatgta aagtctatct atcttcagga atttcaagac aaaggatgat cagaagatgg 180
ggaagaatat gatgaccctt ttgctggggc tccagacact atttcattag cctcagaacg 240
atatgataaa gacgatgaag cccctcttga tggagcccag tttcctccaa ttgcagcaca 300
agaccttcct tttgttctaa aggctggcta ccttgaaaaa cgcagaaaag atcacagctt 360
tctgggattt gaatggcaga aaacggtggg gtgctctcag taaaacggta ttctattatt 420
atggaagtga t 431

<210> 119
<211> 131
<212> DNA
<213> Homo sapien

<400> 119
ccctcgcgcc gtcacgcacc gcacgttcgt ggggaacctg gcgctaaacc attcgtagac 60
gacctgcttc tgggtcgggg ttctgtacgt agcagagcag ctccctcgct gcgatctatt 120
gaaaggtcga c 131

<210> 120
<211> 409
<212> DNA
<213> Homo sapien

<400> 120
gtcgcagtaa aagccacaca gaaatcaaaa gataagaata tagtttcagc taccaaaaaag 60
cagcctcaga ataaaagtgc atttcagaag acaggaccca gtccttgaa gtctcctggc 120
cgtacccac tgtccatcgt gagcctaccc cagtcttcta ccaaaacaca aactgcaccg 180
aagtcagcac agactgtcgc taagagccag cattcaacta aagggcctcc cagaagtggc 240
aaaacccag cttcaatcag gaaaccaccc tcactctgta aggatgcaga tagtggagat 300
aaaaaaccta ctgcaaaagaa aaaggaagat gatgaccatt attttgcac gactggaagt 360
aagaaaccta gaaaataaat acatactcat tataaaaaaa aaaaaaaag 409

<210> 121
<211> 131
<212> DNA
<213> Homo sapien

<400> 121
 cccctcgccc gtcacgcacc gcaegtctgt ggggaacctg gcgctaaacc attcgtagac 60
 gacctgcttc tgggtcgggg ttctgtacgt agcagagcag ctccctcgct gcgatctatt 120
 gaaaggtcga c 131

<210> 122
 <211> 130
 <212> DNA
 <213> Homo sapien

<400> 122
 gtcgaccttt caatagatcg cagcgaggga gctgctctgc tacgtacgaa accccgaccc 60
 agaagcaggt cgtctacgaa tggtttagcg ccagggtccc cacgaacgtg cgggtgcgtga 120
 cgggcgaggg 130

<210> 123
 <211> 424
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 123
 gtcgacgaga tgtggagtgg ctaaaagaag cctgtgttcc tgagaactta gaggaccagg 60
 acctctattc caggcttggg cacctacatt tagactatta tatgaggaag caatcaactt 120
 ctacttggtt tcaaccactt tcaattgcag tcaaacctga attgtaagt aaattgcttt 180
 cctgatagca aacctgttgg attttctcca gaatccctgg gccactttta gcagtcagat 240
 tcgtctaata ctcctttaaa gatgggtggc gtgaaactgg tacatgggac ctgactgggc 300
 tttgtttgca actttctgat aattttataat tattttcaaaa taaaaaaatt taaaaataa 360
 aaaaaaaaaa aaagggcggc cgctcggagt ctagaggggc cgtttaaacc cgntgatcag 420
 cctc 424

<210> 124
 <211> 548
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 124
 cctttttttt tttttttctc tagtaatgac tttattcatg aatctataat ggaattcaaa 60
 atagcaaaga acatgaaaaat gtccanatta atatttatta accaaatgca tcanaaaata 120
 catctatttt cacatatcaa aagtgcctaa aatgcatgtg anaatatataa tattctccac 180
 tttgnggaac ttcaagataa tgaaaaattg cttaatacac ttgcccacaa aaactcatta 240
 cactgcaaat ncagaanaaa taaaataact cattacattg cagatncaaa agaaatcaaa 300
 tgtaactggc aaaataacca tttcatggct aatctttngg naaagngcta ttttcacact 360
 gaaaaaaaga anttagaaaa gattaaaaat tttaaattct gaaccatcat tctnaaagtc 420


```

tgaagcggtt tcttttagtat tcactatggt catcacattc atgtgtncac aacatgagac      480
taaacactat ctcaaaatct taaaaaatct ttccatncac anattatttc ctggaagnta      540
aaaattat                                     548

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```

<210> 125
<211> 562
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

```

```

<400> 125
gtcgacgctc ctaacaaaga agatatcttg aaaatttcag aggatgagcg catggagctc      60
agtaagagct ttcgagtata ctgtattatc cttgtaaaac ccaaagatgt gagtctttgg      120
gctgcagtaa aggagacttg gaccaaacac tgtgacaaag cagagttctt cagttctgaa      180
aatgtttaaag tggttgagtc aattaatatg gacacaaatg acatgtgggt aatgatgaga      240
aaagcttaca aatacgctt tgataagtat agagaccaat acaactgggt cttccttgca      300
cgccccacta cgtttgctat cattgaaaac ctaaagtatt ttttgttaaa aaaggatcca      360
tcacagcctt tctatctagg ccacactata aaatctggag accttgaata tgtgggtatg      420
gaaggaggaa ttgtcttaag tgtagaatca atgaaaagac ttaacagcct tctcaatatc      480
ccagaaaagt gtcctgaaca gggagggatg atttggaaga tatctgaaga taaacagcta      540
gcagnttgcc tgaaatatgc tg                                     562

```

```

<210> 126
<211> 131
<212> DNA
<213> Homo sapien

```

```

<400> 126
cccctcgccc gtcacgcacc gcacgttcgt ggggaacctg gcgctaaacc attcgtagac      60
gacctgcttc tgggtcgggg tttcgtagct agcagagcag ctccctcgct gcgatctatt      120
gaaaggtcga c                                     131

```

```

<210> 127
<211> 512
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

```

```

<400> 127
gtcgacgtcc ggcttcggag cgggagtggt cgttgtgcc aagactaaaa agagaattaa      60
atatgggtga tggtgagaaa ggcaagaaga tttttattat gaagtgttcc cagtgccaca      120
ccgttgaaaa gggaggcaag cacaagactg ggccaaatct ccatggtctc tttgggcgga      180
agacaggtca ggccctgga tactcttaca cagccgccaa taagaacaaa ggcacatctt      240
ggggagagga tacactgatg gagtatcttg agaatcccaa gaagtacatc cctggaacaa      300
aaatgatctt tgtcggcatt aagaagaagg aagaaagggc agacttaata gcttatctca      360
aaaaagctac taatgagtaa taattggcca ctgccttatt tattacaaaa cagaaatgtc      420

```

tcatgacttt tttatgtgta ccataccttta atagatctca tacaccagan tttcagatca 480
tgaatgactg acagaatatt ttgttgggca gt 512

<210> 128
<211> 483
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

<400> 128
gtcgacgttt ttgtgatact gacacatccc ccctttcaga acaccctctg cccttggatt 60
ctgtgcacag gaagctagtt gctccccctga atacactctt tcttccttgt aatacagcct 120
ctgattttga gcccaagaat aaagactaca gttctcagac tccttcgcaa ataaattttg 180
tgactaaact ctagtcaaca gtaagtgtca tgtagcagct cctgggaatc tcctttaaaa 240
agagagcttg tttataccta ttgtcatctc tgttcttctg tgcccccttct tccattttgc 300
tgccctggaaa gcagatgtga tggctggaat tccagtcacc attttggacc atgaggacaa 360
caccctanag atgtggagtg gctaaaagaa gcctgtgttc ctgagaactt anaggaccan 420
gacctctatt ccaggcttgn acacctanat ttanactatt atatgaggaa gcaatcaact 480
tct 483

<210> 129
<211> 326
<212> DNA
<213> Homo sapien

<400> 129
gtcgaccttt tatctgtcta tccatccatc atcatttgaa ggcctaatat atgccaaagta 60
ctcacatggt atgcattgag acataaaaaa gactgtctat aacctcaata agtattaaaa 120
atcccattat tacccataag gttcatctta tttcattttt agggaataaa attacatgtc 180
tatgaaattt caattttaag cactattggt tttcatgacc ataatttatt tttaaaaata 240
aattaaaggt taattatatg catgtatgta tttctaataa ttaaaaaatgt gttcaatccc 300
tgaaaaaaa aaaaaaaaa aaaaaa 326

<210> 130
<211> 276
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 130
gtcgacggac accagctgcg gaanttgcgg ctttggcaga ttgaaatcat ggcaggtcca 60
gaaagtgatg cgcaatacca gttcactggt attaaaaaat atttcaactc ttatactctc 120
acaggtagaa tgaactgtgt actggccaca tatggaagca ttgcattgat tgtcttatat 180
ttcaagttaa ggtccaaaaa aactccagct gtgaaagcaa cataaatgga ttttaaactg 240
tctacgggttc ttaacctcat ctgttaagtt cccatg 276

<210> 131
 <211> 482
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(482)
 <223> n = A,T,C or G

<400> 131
 cctttttttt ttttttttaa attttaaggt tattttttatt tacaactttt gaaaaatgta 60
 cattttttttt tacatgggtt acttgtgcaa agttagattt ggaagtgata aatgcataaa 120
 agngacaat agaacattan acaaaacatt tacaagcctt gtcccatact gctacttaaa 180
 ggtactatat atctaaaagt ataaatatcc aaaaaaagat cgcanacatt ggctttaagg 240
 ttctcanatg ctgaaaggga anaaattaaa gcatgcagca ataactcagg atttgagtgg 300
 aaaatagttt gccacanata tgctatgctc ccttccttga attcattaaa actctaaaat 360
 aaagatggac aattgagttt attcacttag ggcagcactg atcctttaaa aagattaaa 420
 gagctccaac tttccctagc tnaaaaactc acnatngttt ccattcctct gctccacac 480
 ct 482

<210> 132
 <211> 428
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(428)
 <223> n = A,T,C or G

<400> 132
 cctttttttt tttttttgtc taaaaggcaa aaaactacaa acagcccaag tcttgagctc 60
 cccaagacct ggatcctcca ctgtcccctt gaaaccggtc aggaggcggg atggggagca 120
 caanaggtgg gttcttaaaa aagtcacccc tggatgggaa agctcttcat cttctgccgc 180
 ctccctntgc ctcccgtgc tgccgaggag agagatggan aggaccgggg ctatgccggc 240
 aaactcaact tcttcccctt taggactttg gngatataga ggtanaanaa atcgagtan 300
 aggactgtct ggaccaggcc tgccacaatg gcnatgaggt cgaagaancc ctcgaaangg 360
 taagcgccan anccagttga anagatanag cgtggcggtg aacgcctagc gcaaacaagt 420
 agnggctg 428

<210> 133
 <211> 537
 <212> DNA
 <213> Homo sapien

<400> 133
 gtcgacccca aaccactctc accttactac cagacaacct tagccaaacc atttaccbaa 60
 ataaagtata ggcgatagaa attgaaacct ggcgcaatag atatagtacc gcaagggaaa 120
 gtgaaaaaat tataaccaag cataatatag caaggactaa cccctatacc ttctgcataa 180
 tgaattaaact agaaataact ttgcaaggag agccaaagct aagacccccg aaaccagacg 240
 agctacctaa gaacagctaa aagagcacac ccgtctatgt agcaaaatag tgggaagatt 300
 tataggtaga ggcgacaaac ctaccgagcc tgggtgatagc tggttgtcca agatagaatc 360
 ttagttcaac tttaaatttg cccacagaac cctctaaatc cccttgtaaa tttaactggt 420

agtcctaaaga ggaacagctc tttggacact agggaaaaaac cttgtagaga gagtaaaaaa 480
 tttaacaccc atagtaggcc taaaagcagc caccaattaa gaaagcggtc aagctca 537

<210> 134
 <211> 535
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(535)
 <223> n = A,T,C or G

<400> 134
 gtcgactcct ctcacatggt ggcttttagga agatccttgg ccaggagggt gatgccagct 60
 atcttgcttc tgaaatatct acctgggatg gagtgatagt aacaccttca gaaaaggctt 120
 atgagaagcc accagagaag aaggaaggag aggaagaaga ggagaataca gaagaaccac 180
 ctcaaggaga ggaagaagaa agcatggaaa ctcaggagtg acattccctt cactcctttt 240
 cctacccaag ggggaagact ggagcctaag ctgcctgcta ctgggcttta catgggtgaca 300
 gacatttccg tgggataggg aagatagcag gaagaaaagt aaactccata gaagtgtcat 360
 tccactgggt tttgatattg gcttagctgc cagtctccca tttgtgacct atgccatcca 420
 tctataatgg aggataccaa catttcttcc taatattcta taatctccaa ctctgaaaa 480
 acccctctct caactaatac tttgctgttg aaatgttgng aaatgttaag tgtct 535

<210> 135
 <211> 114
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

<400> 135
 gtcgacctca gcgtcattca gaannnggaa aagaatcaat gtaactcaag aaaggatgaa 60
 aatacccttt cttcccatcc acgtgtttcc atctcaatcc tcacagggtc ctgg 114

<210> 136
 <211> 354
 <212> DNA
 <213> Homo sapien

<400> 136
 agaagcgaga tgacgaaggg aacgtcatcg tttggaaagc gtcgcaataa gacgcacacg 60
 ttgtgccgcc gctgtggctc taaggcctac caccttcaga agtcgacctg tggcaaatgt 120
 ggctaccttg ccaagcgcaa gagaaagtat aactggagtg ccaaggctaa aagacgaaat 180
 accaccggaa ctggtcgaat gaggcaccta aaaattgtat accgcagatt caggcatgga 240
 ttccgtgaag gaacaacacc taaacccaag agggcagctg ttgcagcatc cagttcatct 300
 taagaatgtc aacgattagt catgcaataa atgttctggt tttaaaaaat aaaa 354

<210> 137
 <211> 347
 <212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 137

gtcgacggcg	agattacgag	gcgaggctcg	cgcgcccgcc	cccgccctgg	ccccagtg	60
ccacccggtc	ggccccgcac	agccatgac	aaggcgatcc	taatcttcaa	caaccacggg	120
aagccgcggc	tctccaagtt	ctaccagccc	tacagtgaag	atacacaaca	gcaaatacatc	180
agggagactt	tccatttggg	atctaagaga	gatgaaaatg	tttgtaattt	cctagaagga	240
ggattattaa	ttggaggatc	tgacaacaaa	ctgatttata	gacattatgc	aacgttatat	300
tttgtcttct	gtgnnggatt	cttnanaaag	tgaacttggc	attttag		347

<210> 138

<211> 434

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 138

cctttttttt	tttttttggt	taaatgactt	actgtgtaat	tttatttcat	attacacaaa	60
tgtaaatcaa	atgctgagta	gacatgcaga	tgacaagcag	tatatgacaa	actctgaana	120
aatagttaca	tgtagagttt	ctcanatttt	tagtgatatc	aanaattaac	tgaagagttt	180
gttaagaatg	caggcttaaa	ggccaatcca	cagattataa	tttcatacaa	acaggatgga	240
gcctaanaac	ctgtaaatta	ttaaacaact	gattaaaaat	agagagggtt	ctatgaagtt	300
aggnntgtcc	ttattttctta	tttgaactgg	acaagtagaa	ggataatagg	taggaccaag	360
tgagcattat	cagaatcaaa	gtagaggcaa	taacaagcca	aggtgtttta	ncctanctaa	420
agaagctcgt	cgac					434

<210> 139

<211> 553

<212> DNA

<213> Homo sapien

<400> 139

gtcgacctga	ctataacagt	gcctactatg	ttaacattag	atgaacaagt	gaattagagg	60
attttttaa	gtgtatccat	cagtgtatgg	acacactccc	tctaacttct	tcaaaaaaca	120
aaaattcctg	gtagagctaa	gtggttttta	gaagtttggg	tttggttaact	gatttctacg	180
agataattga	acacttttta	aaatagttga	tcattatgtc	aaacagccct	caacagtaaa	240
cttaaattag	gtagaattat	agtaagctgg	aagagaaaat	gttcccaaag	agcattatgc	300
cctttctggc	accttattac	agatgaataa	attgagactc	acagaaatta	aatgacttag	360
ccccagttat	ccaactaact	ccttaatgtg	aggccatgat	taggaatagg	cttctagtat	420
tcagtcccat	attattttga	ctgtgttaata	ccacgtgcca	ctttgatttt	aaagtcaaat	480
ctcggcttga	actgtatggg	gaaaaaaaaa	atctccagct	ggctctgctg	aatccccaga	540
ggggccctcc	act					553

<210> 140

<211> 450

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<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 140
gtcgcgcccgt gtgagttggg tgccggtgga gtcgtgttgg tcctcagaat ccccgcgtag 60
ccgctgcctc ctccctaccct cgccatgttt cttacccggt ctgagtacga caggggcggt 120
aatacttttt ctcccgaagg aagattatth caagtggaat atgccattga ggctatcaag 180
cttggttcta cagccattgg gatccagaca tcagaggggtg tgtgcctagc tgtggagaag 240
agaattactt cccactgat ggagcccagc agcattgaga aaattgtaga gattgatgct 300
cacatagggt gtgccatgag tgggctaatt gctgatgcta agactttaat tgataaagcc 360
agagtggaga cacagaacca ctggttcacc tacaatgaga caatgaacag nggagagtgt 420
gaccaagct gngtccaatc tgnctttgca 450

<210> 141
<211> 140
<212> DNA
<213> Homo sapien

<400> 141
acacacccct ccctcacaca gggctcgacc gccgctggca gttccagggc taaggatttc 60
ctgcacttac ttgtggagaa ggagttcata gctgggctcc tggaggggag atagagcttc 120
tctttcgttc ccgggtcgac 140

<210> 142
<211> 591
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 142
gtcgacctgg acttgacgtg taaacagaga cgctgcaaat tgcttgtgga cgggtgtaggc 60
cgctgcaggc caccatgaac cggcttccgg atgactacga cccctacgag gttgaagagc 120
ctagcgacga ggagccggct ttgagcagct ctgaggatga agtggatgtg cttttacatg 180
gaactcctga ccaaaaacga aaactcatca gagaatgtct taccggagaa agtgaatcat 240
ctagtgaaga tgaatttgaa aaggagatgg aagctgaatt aaattctacc atgaaaacaa 300
tgaggagaaa gttatcctct ctgggaactg gatcttcctc aggaaatgga aaagttgcaa 360
cagctccgac aaggactac gatgatatat attttgattc tgattccgag gatgaagaca 420
gagcagtaca ggtgaccaag aaaaaaaaaga agaaacaaca caagattcca acaaatgacg 480
aattactgta tgatcctgaa aaagataaca gagatcaggc ctgggttgat gcacagnгаа 540
aggggttacc atggtttggg ancacaggag atcacgtcaa caacagcctg t 591

<210> 143
<211> 538
<212> DNA
<213> Homo sapien

```
<220>  
<221> misc_feature  
<222> (1)...(395)  
<223> n = A,T,C or G
```

```

<400> 146
gtcgacaaga aagccccctt aatgttttta actgatgata tttttttaag cttaccaata    60
taagtatttt taaagggttct atttttcaaa gtcataacaa tgattgttct tgttttctct    120
catagaatag actgccatcg gataaagagt ggtccctagc ttctattttt ccaagtaaat    180
aagtagaaca tgttcttggg attataccat taaatgttaa ttttcttgaa gaagaaagat    240
tgttgtctgc caagatttta tgttagcgct cggattgagg cagaaaaagg aagcaccagg    300
tttaacactg ggatgacttg ggttgtgttc ctggagggtt gaagnngggc ttccccgcct    360
tttgaggggg aaaactgact gntttgaaca catat                                     395

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```

<210> 147
<211> 455
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

```

```

<400> 147
gtcgactaaa aactggaacg gtgaagggtga cagcagtcgg ttggagcgag catcccccaa    60
agttcacaat gtggccgagg actttgattg cacattgttg tttttttaat agtcattcca    120
aatatgagat gcgttggttac aggaagtccc ttgccatcct aaaagccacc ccacttctct    180
ctaaggagaa tggcccagtc ctctcccaag tccacacagg ggaggtgata gcattgcttt    240
cgtgtaaatt atgtaatgca aaattttttt aatcttcgcc ttaatacttt tttattttgt    300
tttattttga atgatgagcc ttctgtgccc cccttcccc ttttttgtcc cccaacttga    360
gatgtatgaa ggcttttggt ctccctggga gtgggtggan gcagccaggg cttacctgta    420
cactggactt gagaccagt t gaaataaaaag tgcac                                     455

```

```

<210> 148
<211> 518
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

```

```

<400> 148
gtcgacctca cgccttcgcc gtagcatctt tcgcagcgga ccgaagagaa gaaaagtagg    60
ccagagccga actctcttcc tgccaagatg tctattggtg tgccgattaa agtactgcat    120
gaggccgagg gccacattgt gacatgtgag acgaacaccg gtgaggtata tcgggggaag    180
ctcattgaag cagaggacaa catgaactgc cagatgtcca acatcacagt cacatacaga    240
gatggccgag tggcacagct ggagcaggtg tacatccgtg gcagcaaaat ccgctttctg    300
attttgcttg acatgctgaa gaacgcaccc atgttaaaga gcatgaaaaa taaaaaccaa    360
ggctcagggg ctggccgagg aaaagctgct attctcaagg cccaagtggc cgcaagagga    420
agaggacgtg gaatgggacg tggaaacatc tttcaaaagg gaagggataa ttttctaagt    480
tgaacagaac tttgtccttt tttctttcan gttatctg                                     518

```

```

<210> 149
<211> 442
<212> DNA

```


gtcgaccagg	tcttgaccct	ggtcaacaag	agaataggcc	tttaccgtca	ctttgacgag	60
accgtcaata	ggtacaagca	atcccgggac	atctccaccc	tcaacagtgg	caagaagagc	120
ctggagactg	aacacaaggc	cttgaccagt	gagattgcac	tgctgcagtc	caggctgaag	180
acagagggct	ctgatctgtg	cgacagagtg	agcgaaatgc	agaagctgga	tgcacaggtc	240
aaggagctgg	tgctgaagtc	ggcgggtggag	gctgagcgcc	tggtggctgg	caagctcaag	300
aaagacacgt	acattgagaa	tgagaagctc	atctcaggaa	agcgccagga	gctggtcacc	360
aagatcgacc	acatcctgga	tgcctgtag	cccctgcccg	catcctncag	ggggcccagg	420
gtgctgcac	tttgtgtg	gnangcagat	tgggtggtg			459

<210> 152
 <211> 242
 <212> DNA
 <213> Homo sapien

<400> 152
 gtcgacccaa ggtcacagga gcattgcgtc gctgatgggg ttgaagtttg gtttggttct 60
 tgtttcagcc caatatgtag agaacatttg aaacagtctg cacctttgat acggtattgc 120
 atttccaaag ccaccaatcc attttgtgga ttttatgtgt ctgtggctta ataatacatag 180
 taacaacaat aatacctttt tctccatttt gcttgcagga aacatacctt aagttttttt 240
 tg 242

<210> 153
 <211> 57
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(57)
 <223> n = A,T,C or G

<400> 153
 cctttttttt tttttttttt ttccacatca ctcaggtttt atngaattta taaaatt 57

<210> 154
 <211> 437
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 154
 cctttttttt tttttttggt aatncagttt taatttatatt tcatcacttt ttcttcataa 60
 tccagatatt ttaaaatgca aagaaaatta actttcaatg atatgttcag ggactggcac 120
 taacaaaaaat tttcagactg caaatgagtt atacaaatga aaatatcaaa tggagatcca 180
 gttatcaaaa tgaaagcact caacatatta aaagttcaca agtatttgta ttgagcacat 240
 tacaaaagtc agcttgctaa ctgttggtgat tttaaagaac tattgcanaa gtctgaanaa 300
 aatanattta ttagttaact tataaagaga ttaaagaggc tgaaacaagt nttaaaaana 360
 aatttgngcc tttattanaa tggttaggcgt cnacgcggcc gctcnngtct anagggcccg 420
 tttaaaccgg ctgatca 437

<210> 155
 <211> 518
 <212> DNA
 <213> Homo sapien

<400> 155
 gtcgacgtga gccacagtca cgccactgca ttctatcctg ggcaacagat ggagaccttg 60
 tctcaaaaaa aaaaaattcc tgacatcgct atgtattccc aactttatca ttgtctgcg 120

tgtttagttt	tgacttatgt	ttttttttt	tccccctgt	ggacatgtag	ttgacggaaa	180
tcgtgaagga	actttaatat	tttattttaa	tttcccaaaa	ctaatacatgc	cttatgtgac	240
taatcttcag	tgataatat	tcactactg	atatattttc	ttgaggtgtg	taattttcag	300
tataacctaa	tcatttggtg	taaaaaagag	agaggttttt	gatatatgaa	tgctgttctt	360
gtaaaaatca	atcttgacac	tttattttaa	actttttatt	ggtaatgaca	gtgggttttg	420
tacatcatga	ttttcaattt	aggatatctg	tctaatttgt	tttttcagag	taactatat	480
ggaattcaat	aaaaatattc	aaaatttttc	ttaaaaaa			518

<210> 156
 <211> 600
 <212> DNA
 <213> Homo sapien

<400> 156						60
gtcgacgttt	atttaagtgc	atgtttcact	gtttgcactt	tgcattgaac	aatgggttta	120
ttcgctgatg	taaacggttc	gagtgaagaa	ttaatgcagt	aagtatgaca	acacatacac	180
acttgccctc	ccccatctcc	agaagagggg	agcagagtcc	gagcttatct	aaatatgaat	240
gtggccacaa	agctgtggaa	ggtgacaaa	cttaaacacc	tttgccctgg	ctctgcattg	300
tcacctagag	agcaagaggt	ctatagaaac	atcatgtcac	atgaaacgat	tctctgcttt	360
ttggttctga	acttgaagtc	cctaaactgc	aaaatctaag	agttgggtgg	ttattaaaat	420
gcttttaaaa	agttaactgt	ggcaccaatt	ctaataatga	ccaacttgtg	actgtttttt	480
tttggtttgt	tttggtttgt	tgtgtgtgtg	tgtgtggcac	tgggaaaagt	ggaacaaaac	540
atgtattgaa	atacatattg	gaaataaaaa	tggtttgagc	gtcagtgata	ttctcccaga	600
atgtacttat	cttacctcgc	atgtactgta	gtcactcagt	atttgtatat	gttgctagaa	

<210> 157
 <211> 542
 <212> DNA
 <213> Homo sapien

<400> 157						60
gtcgacggct	gggaagtcag	ttcgttctct	cctctcctct	cttcttggtt	gaacatgggtg	120
cggactaaag	cagacagtgt	tccaggcact	tacagaaaag	tgggtggctgc	tcgagcccc	180
agaaaggtgc	ttggttcttc	cacctctgcc	actaatcga	catcagtttc	atcgaggaaa	240
gctgaaaata	aatatgcagg	agggaaaccc	gtttgcgtgc	gcccactcc	caagtggcaa	300
aaaggaattg	gagaattctt	taggttgtcc	cctaaagatt	ctgaaaaaga	gaatcagatt	360
cctgaagagg	caggaagcag	tggcttagga	aaagcaaaga	gaaaagcatg	tcctttgcaa	420
cctgatcaca	caaatgatga	aaaagaatag	aactttctca	ttcatctttg	aataacgtct	480
ccttgtttac	cctgggtatt	tagaatgtaa	atttacataa	atgtgtttgt	tccaattagc	540
tttgttgaac	aggcatttaa	ttaaaaaatt	taggtttaaa	tttagatggt	caaaagtagt	542
tg						

<210> 158
 <211> 526
 <212> DNA
 <213> Homo sapien

<400> 158						60
cacctcaggc	tgtggctctt	tgggtctctt	cctaatagcag	aagaagttgc	ccagcagcaa	120
aatcagggag	gaggtgagca	cctcgccccc	cgccaggatg	aacacgtaca	tgtagacgtg	180
ggtcgcatcc	aggagtttgc	ctcccgaagg	gggcccgcag	agcacggcca	ccgcctccat	240
cagcagcacc	aggccaatgg	cactggagaa	cttgtaggag	atgccaaaaga	agatgcagaa	300
gaccacgagg	ccgccgtagt	cgcccccggt	agagcccggc	aggtccgcga	ggccgttgaa	360
gaacatggag	aagctgaaga	ggtagacgga	gtagggccgc	accttcccaa	gccccgccac	

```

gaagcccgcg gccggccgcg cgaagatgtc aatgaagccc aggatgggtga gcaggaagggc 420
ggccttggtg tcgggcacgc ccaggtcctt ggcgtagctc accacgaaca cgggcggggac 480
gaagagcccc agcaccatga ccgaggcggc caccggcgtaa agcaca 526

```

```

<210> 159
<211> 306
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

```

```

<400> 159
cctttttttt tttttttttt ttttttngga tgtatnngaa attttttcta tatanatcat 60
gtgtgacttc cataaagaaa aataaacacc tatncacagt ttacctaata tgtgtaatgt 120
taatgaaaag aatcaaagaa agatgttctg tcattaactc tctaaatnaa attgtttttc 180
catttttacc aacttgatac cttaatcaag ncactcttgt tcttccttaa gtgcaaatga 240
attttttgtt tgggttgggg gacaacacaa aatacaaacc tgggttgatg tcaactgaaag 300
gcccaa 306

```

```

<210> 160
<211> 528
<212> DNA
<213> Homo sapien

```

```

<400> 160
ctgaagagcg gcttgcctct caccatctca ggactcaggg gctgggtccct gagcacgtgg 60
aaacaaggac tttgcacagc accttccagc ccaacatttc ccagggaataa cttcagatgt 120
gggtggatgt tttccccaag agtttggggc caccaggccc tcttttcaac atcacacccc 180
ggaaagccaa gaaatactac ctgctgtgta tcatctggaa cgtcaaaggc gttatcttgg 240
acgagaaaag catcacagga gaggaaatga gtgacatcta tccattacag atctttggat ggtgaaggga 300
gcaatgaaga aaacaaacag aaaacagatg tccattacag atctttggat ggtgaaggga 360
attttaactg gcgatttgtt ttcccgtttg actaccttcc agccgaacaa ctctgtatcg 420
ttgcgaaaaa agagcatttc tggagatttg accaaacgga atttcgaatc ccaccaggcg 480
tgatcattca gatatgggac aatgacaagt tttctctgga tgactact 528

```

```

<210> 161
<211> 527
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(527)
<223> n = A,T,C or G

```

```

<400> 161
cctttttttt ttttttttgg tcttacaact ctattgtaaa ctataactaga ctatagaggg 60
acttctacat ctttcaagat gtgtttaata aagggtctgt tataataact tttgagggcat 120
gaatctagca aatagtactt tatacaatgt cccttgatc taccaactca taaatattaa 180
gtgtttttca gtgacttatg tttggatgtg gtatgtctga tcaggggccat gtgctgatgt 240
cctggagagc aaaatcaatc caaagnggng ctgctatttg tgacagaaca tgttttattta 300

```

```
<210> 162
<211> 77
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(77)
<223> n = A,T,C or G
```

```
<400> 162
cctttttttt tttttttttt ttnntttttt tttttttttt ttttagggaa anaaatctgg    60
gttcctttta tttttga                                     77
```

```
<210> 163
<211> 645
<212> DNA
<213> Homo sapien
```

<400>	163								
gtcgacaaac	aatgaatagt	ttttcattgt	accatgaaat	atccagaaca	tacttatatg				60
taaagtatta	tttatttgaa	tctacaaaaa	acaacaaata	atttttaaat	ataaggattt				120
tcctagatat	tgcacgggag	aatatacaaa	tagcaaaatt	gaggccaagg	gccaagagaa				180
tatccgaact	ttaatttcag	gaattgaatg	ggtttgctag	aatgtgatat	ttgaagcatc				240
acataaaaaa	gatgggacaa	taaattttgc	cataaagtca	aatttagctg	gaaatcctgg				300
atttttttct	gttaaactcg	gcaaccctag	tctgctagcc	aggatccaca	agtcctgtgt				360
ccaactgtgc	ttggtttctc	ctttatttct	aagtggaaaa	agtattagcc	accatcttac				420
ctcacagtga	tgttgtgagg	acatgtggaa	gcactttaag	tttttctatc	ataacataaa				480
ttatttttcaa	gtgtaactta	ttaacctatt	tattatttat	gtattttatt	aagcatcaaa				540
tttttgtgca	agaatttggg	aaaatagaag	atgaatcatt	gattgaaatg	ttataaagat				600
gttataagtaa	atttatttta	tttttagatat	taaatgatgt	tttat					645

```
<210> 164
<211> 434
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G
```

<400> 164						
gtcgaccgga	cgcggcggca	ttaaacgggt	gcaggcgtag	cagagtggtc	gttgtctttc	60
taggtctcag	ccggtcgtcg	cgacgttcgc	ccgctcgctc	tgaggctcct	gaagccgaaa	120
ccagctagac	tttcctcctt	cccgcctgcc	tgtagcggcg	ttgttgccac	tccgccacca	180
tgttcgaggc	gcgccctggtc	cagggetcca	tcctcaagaa	ggtgttggag	gcactcaagg	240
acctcatcaa	cgaggcctgc	tgggatatta	gctccagcgg	tgtaaacctg	cagagcatgg	300
actcgtccca	cgtctctttg	gtgcagctca	ccctgcggtc	tgagggcttn	gacacctacc	360

gctgcgaccg caacctggcc atgggcgtga acctcaccag tatgtncaaa atactaaaat 420
gcgcngcaa tgaa 434

<210> 165
<211> 388
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(388)
<223> n = A,T,C or G

<400> 165
gtcgaccatt catatatata tgcatatata tgtgaagctc catatttctg ttgctttaaa 60
gaagtaaaac cttccattta aataagatga catgcntaan ataacaaagc ttccttgatt 120
tccttttcct gtgtaattna atagatttgt tgactagtgc ttgggcacat tataaatcag 180
ngttatttgc tcttgagacc attttttaaa aaaaattttg gcagtgaagca gttgaattta 240
tcttgaattt atcatgtgtg tgtatttctg aagcagctac atagcagaac attttaagag 300
attctgttag cccacatgtt catgttggtt gctgctgaat ggtaaatatt aaataaaatt 360
accagattaa tcttaaaaaa aaaaaaaa 388

<210> 166
<211> 443
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G

<400> 166
gtcgaccttg ctttcttaaa aaacaaaaaa actactgtca gtattaatac tgagccagac 60
tggcatctac agatttcaga tctatcattt tattgattct taagcttgta ttaaaaacta 120
ggcaatatca tcatggatac ataggagaag acacatttac aatcattcat tgggcctttt 180
atctgtctat ccatccatca tcatttgaag gcctaataa tgccaagtac tcacatggta 240
tgcattgaga cataaaaaag actgtctata acctcaataa gtattaaaaa tccattatt 300
accataagg ntcattttat ttcattttta gggaataaaa ttacatgtct atgaaatttc 360
aattttaagc actattgntt ttcatgacca taatttattt ttaaaaataa attaaagggt 420
aattataaaa aaaaaaaaaa aag 443

<210> 167
<211> 608
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

<400> 167
gtcgactgcg cctctccgaa cgcaacatga aggtgctcct tgccgccgcc ctcatcgcg 60

```

ggtcogtctt cttcctgctg ctgccgggac cttctgcggc cgatgagaag aagaaggggc 120
ccaaagtcac cgtcaagggtg tattttgacc tacgaattgg agatgaagat gtaggccggg 180
tgatcttttg tctcttcgga aagactgttc caaaaacagt ggataatttt gtggccttag 240
ctacaggaga gaaaggattt ggctacaaaa acagcaaatt ccacgtgta atcaaggact 300
tcatgatcca gggcggagac ttcaccaggg gagatggcac aggaggaaag agcatctacg 360
gtgagcgctt ccccgatgag aacttcaaac tgaagcacta cgggcctggc tgggtgagca 420
tggccaacgc aggcaaagac accaacggct ccagttctt catcacgaca gtcaagacag 480
cctggctaga tggcaagcat gtggtgtttg gcaaagttct agagggcatg gangtgggtgc 540
ggaangtgga gagcaccaag acagacagcc gggataaacc cntgaangat gtgatcatcg 600
cagactgc 608

```

```

<210> 168
<211> 569
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(569)
<223> n = A,T,C or G

```

```

<400> 168
gtcgacgcgg ncggccggac agactgacgt gtgagctgca tcgcgggagg cgcattggngg 60
ggatggcgct ggcgcgggcc tggaagcaga tgtcctgggt ctactaccag tacctgctgg 120
tcacggcgct ctacatgctg gagccctggg agcggacggt gttcaattcc atgctgggtt 180
ccattgtggg gatggcacta tacacaggat acgtcttcat gccccagcac atcatggcga 240
tattgcacta ctttgaaatc gtacaatgac caagatgcga ccaggatcag aggttncttg 300
gggaagaccc accctacgaa gttggaatga gaccatcaga tgtgataaga aactcttcta 360
gatgtcaaca taaccaacct tataaagact aaaattcatg agtagaacag gaaaatcatc 420
ctgactcatg tgttgtgttc tttattttta attttncaaa gaggctcttg tatagcagtt 480
ttttgtctat ttttaacatt taagtcattt tgtnttttga natcantatt ttcttaacct 540
ttgtgactgt ttcaatatta cccccngna 569

```

```

<210> 169
<211> 216
<212> DNA
<213> Homo sapien

```

```

<400> 169
gtcgaccggg aaccatcta taaagtaagg cacactcgta atggttgaat tgtgttctgg 60
ttaatttctt aaaggacttc acagttgcac ttatgaaaat gattttatat tgaaatgata 120
tttgcataag aaaaagcatg tgattaattg catattgctt gagtgttcat ctgtgaatgt 180
gaaaaataag ctgttttttt ttattagata tttgca 216

```

```

<210> 170
<211> 284
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

```

<400> 170
 cctttttttt tttttttgaa atggancctt tgaatcgaaa agttttttcac tttaaatggt 60
 ggatgagtgc taccaaaaaca ctngcatct tagggcaagt gtcgctgagc acctgcttcc 120
 ccatattctc agcannatca tttcagttct tagcaatctg gcaggcaaaa ggaaagtctg 180
 attttgntng aatngcatt ttcttgatta ccancaaact antttaagct taatgggcac 240
 ntntattttc tattctctga actgcccatt tttctaccat tcag 284

<210> 171
 <211> 541
 <212> DNA
 <213> Homo sapien

<400> 171
 cagacagcac tgtgttggcg tacaggtctt tgcggatgtc cacgtcacac ttcattgatgg 60
 agttgaaggt agtttcgtgg atgccacagg actccatgcc caggaaggaa ggctggaaga 120
 gtgcctcagg gcagcgggag cgctcattgc caatggtgat gacctggccg tcaggcagct 180
 cgtagctctt ctccagggag gagctggaag cagccgtggc catctcttgc tcgaagtcca 240
 gggcgacgta gcacagcttc tccttaatgt cagcacgat ttcccgctcg gccgtggtgg 300
 tgaagctgta gccgcgctcg gtgaggatct tcatgaggta gtcagtcagg tcccgccag 360
 ccaggctccag acgcaggatg gcatggggga gggcataccc ctcgtagatg ggcacagtgt 420
 ggggtgacccc gtcaccggag tccatcacga tgccagtggc acggccagag gcgtacaggg 480
 atagcacagc ctggatagca acgtacatgg ctgggggtgt gaaggctctca aacatgatct 540
 g 541

<210> 172
 <211> 573
 <212> DNA
 <213> Homo sapien

<400> 172
 gtcgactttc aacaaatcct gaagtctttc tgtgaagtga ccagttctga actttgaaga 60
 taaataattg ctgtaaattc cttttgattt tctttttcca ggttcatggt ccttggtaat 120
 ttcattcatg gaaaaaaatc ttattataat aacaacaaag atttgatat ttttgacttt 180
 atatttcctg agctctcctg actttgtgaa aaagggtgga tgaaaatgca ttccgaatct 240
 gtgaggggccc aaaacagaat ttagggtggg gtgaaagcac ttgtggttta gctttttcat 300
 attaaatata tattatattt aaacattcat ggcatagatg atgatttaca gacaatttaa 360
 aagttcaagt ctgtactgtt acagtttgag aattgtagat aacatcatc ataagtcatt 420
 tagtaacagc ctttgtgaaa tgaacttggt tactattgga gataaccaca cttaataaag 480
 aagagacagt gaaagtacca tcataattaa cctaaatttt tgttatagca gagtttcttg 540
 tttaaaaaaa aataaaatca tctgaaaagc aaa 573

<210> 173
 <211> 545
 <212> DNA
 <213> Homo sapien

<400> 173
 gtcgacctgg gctggacgtg gttttgtctg ctgcgccgcg tcttcgcgct ctggtttcat 60
 tttctgcagc gcgccagcag gatggccac aagcagatct actactcgga caagtacttc 120
 gacgaacact acgagtaccg gcatgttatg ttaccagag aactttccaa acaagtacct 180
 aaaactcatc tgatgtctga agaggagtgg aggagacttg gtgtccaaca gagtctaggc 240
 tgggttcatt acatgattca tgagccagaa ccacatatc ttctctttag acgacctctt 300
 ccaaaagatc aacaaaaatg aagtttatct ggggatcgtc aaatcttttt caaatttaat 360
 gtatatgtgt atataaggta gtattcagtg aatacttgag aaatgtacaa atctttcatc 420

catacctgtg catgagctgt attcttcaca gcaacagagc tcagttaaat gcaactgcaa 480
 gtaggttact gtaagatggt taagataaaa gttcttccag tcagtttttc tcttaagtgc 540
 ctggtt 545

<210> 174
 <211> 469
 <212> DNA
 <213> Homo sapien

<400> 174
 gtcgacaaag aatcacagct ttctctccat gttttattaa cacacagaaa aatactttga 60
 aaaatatacc atttctcaaa aatgaaatgt atgatttgct acaaatggcc atatggaaaa 120
 tatgatacct gcttattttt gactcagggt gcattcaatt ttataactaa ctgaaaatta 180
 catgattgcg ttttgtttta aaagtgaana aaagtaataa ctgcttttag ccttgtaata 240
 ttgaatgcgt caattggctc cccttgtaga atgttgaaat gctatcactg gtgacagatg 300
 ttctgtacat cgcagtaata ctgcttataa aattgtgata attttccgct tcttatttgc 360
 catttttagt gatttaaaaaa tcccttgatg actccctgaa aaatgactga tgtttttcct 420
 atattaagta atttctgctg gtaaagtgtg agtcttttaa taatttctt 469

<210> 175
 <211> 108
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(108)
 <223> n = A,T,C or G

<400> 175
 cctttttttt ttttttttng aaattnaagt aacttnatnn aaattcaaaa acaatnctta 60
 aaactgnntt tagagtcagg acccttttgc attataaaaa tcacaagt 108

<210> 176
 <211> 426
 <212> DNA
 <213> Homo sapien

<400> 176
 gtcgactgtt tagaagttat acacagagag aaggggaaaa gaaactccat caatcaagct 60
 aaaggcagca aaggaaaatt tgaaaagaag caacgagact gtttaacaaa gaacatcaaa 120
 taagatgatg gaactagaag aaaaacacca atgtcccttaa ttatataaaa acatcaatgt 180
 ccttaattat ataaattttt aaccctcaat tgggttaaaa aatcagattt gtactaagag 240
 atgtatcttt aaaagcaaaa gaaagaataa aaagatcaac aagtaaaaca aagtaggagt 300
 cagaattaat attagacaaa ataaagggtga aaaatactaa atgcaagaaa taatatttta 360
 gatgacaaaa atgtatgagc cataaaaaag tcatgagttt ttataaacct aaaatatagc 420
 gtcgac 426

<210> 177
 <211> 538
 <212> DNA
 <213> Homo sapien

<220>

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<221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

```
<400> 177
cctttttttt tttttttttt ttttttttga ngnattngaa attttttcta tatanatcat    60
gtgtgacttc cataaagaaa aataaacacc tatacacagt ttacctaata tgtgtaatgt    120
taatgaaaag aatcaaagaa agatgttcgt tcattaactc tntaaatcaa attgtttttc    180
catttttacc aacttgatac cttaatcaag tcaactcttg tcttccttaa gtgcaaatga    240
attttttgtt tgggttgggg gacaacacaa aatacaaac tgggttggat tcaactgaaag    300
gccaanaaaa gggccttant ctaggaagta nagngtgana tgatacacc acaggctggn    360
gcattctggn ccacacaaan acgtgctgnt ccccgcccta ctgntnaaaa cagntctggt    420
ttgctnana gctgctgntg caacctgcag gtccatgana agaacaactc cctggttgtt    480
tacancccg n gagtgttttg ngaatttgca cctacatttc ccatgtgata tggactca    538
```

<210> 178
 <211> 566
 <212> DNA
 <213> Homo sapien

```
<400> 178
gtcgacttgg aagcagggtt atttattata tacttgcaat tgaatataag atacagacat    60
atatatgtgt tatgtatttc tagaaatgca cataacatat atttgcttat tgtttaatgt    120
tttttccaga tatttattac agaaggcat ggagggatac ctacttattc ttcattatga    180
gaacaattaa aggcatttat tagataggaa attaacagat catctgcttc tataacttta    240
ttagctacat taaataggca gtgagcaata atttaaaaac tcaccattat ataaaataat    300
aaataacaaa gtaaaagtta atgttataaa aataaactga tagtaaggaa aatctaaatg    360
ggcatgatcc catttttaga gaccaaata ttaatagggt tgtcatgtta taatagacaa    420
ttgtctaatt atttctgtgt ttttatttag tgggtagcag aagttgttca gaagagcaga    480
aatatgtaga aaacatctct aaatttttgg caatttgaaa tagcaattct gaggcacaca    540
gctcatctac aaaaatcttt tgcaga                                566
```

<210> 179
 <211> 277
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

```
<400> 179
gncgacggga aaggaatatt atggcannaa gctgagcaag caattctggt ggaaagtcaa    60
acctgtcagt gctccacacc agggctgtgg tcttcccaga catgcatagg aatggccaca    120
ggtttacact gccttcccag caattataag cacaccagat tcaggagagac tgaccaccaa    180
gggatagtgt aaaaggacat tttctcagtt ggggtccatca gcagtttttc ttctgcatt    240
tattgnngaa aactatngtt tcatttcttc ttttata                                277
```

<210> 180
 <211> 349
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 180		
cctttttttt	tttttttttt	60
aaacctcaag	gntgttttat	120
acaaatgaac	acattaaaaat	180
tactgagnga	ctacagtaca	240
acnctcaaac	cattttttatt	300
cagngccaca	cacacnncna	349
	cacaaaaaca	
	aaacaaaaaca	
	aaaaaaaaac	

<210> 181
 <211> 435
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

<400> 181		
cctttttttt	ttttttttga	60
atttttataa	tatgcacaag	120
ggtgacagaa	tttagtgttt	180
agttcaaagt	gtatttataa	240
agggcgttaa	aggtgatagg	300
actgttatga	agctgctatg	360
tgttgtttgt	ttgtttgttt	420
caaaatgggg	tcgac	435
	cattttacagg	
	tattttatttg	
	agtaagagct	
	cataaaatat	
	aaaaaatata	
	taaaaaataa	
	aatgacagga	
	tcanaagaana	
	ctttaataat	
	tgctttacaa	
	tattttataa	
	ttttaaaaaa	
	ttcaaaatgg	
	gtttctagac	
	ccaaagtgtt	
	tgggttttgt	
	catgaacaac	
	agtgtctaga	
	aaccactttt	

<210> 182
 <211> 328
 <212> DNA
 <213> Homo sapien

<400> 182		
gtcgaccatt	gtatcttttt	60
gttttactgt	tttcagaaaa	120
gtttacatta	aataagtctt	180
tgttttcata	tctactgtct	240
tttttgcatc	ttttgagttg	300
tattatctac	cccactaata	328
	ttctttca	
	ccttttacatt	
	tactctttca	
	gaatccttat	
	gctaatacatt	
	tttcatataa	
	ataaaagtta	
	ttttcacatg	
	atcttttcta	
	ttttatcccc	
	ctagtttgga	

<210> 183
 <211> 491
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(491)

67

<223> n = A,T,C or G

```
<400> 183
cctttttttt tttttttttt tttttttttt ttacaaacct caagggtggt ttattttaaac    60
caaataatct gagcaagaca tatatacatt aaaaacaaat gaacacatta aaatttcact    120
attttacaat ctaaattcta gcaacatata caaatactga gtgactacag tacatgccga    180
ggtaagataa gtacattctg gganaatatc actgacgctc aaaccatttt tatttccaat    240
atgtatttca atacatgttt gtttccactt ttcccagngc cacacacaca cacacaaaaa    300
caaaacaaaa caaaaaaaaaa cagtcacaag ttggattaca ttanaattgg ngccacagtt    360
gactttaaaa gcatttttaat aaccacccaa ctcttanatt ttgcagttaa gggacttcaa    420
gttcanaacc aaaaagcana gaatcgtttc atgtgacatg atgtttctat agacctcttg    480
ctctctaggt c                                         491
```

<210> 184

<211> 478

<212> DNA

<213> Homo sapien

```
<400> 184
gtcgacggct gctgttggtt gggggccgct ccgctcctaa ggcaggaaga tgggtggccgc    60
aaagaagacg aaaaagtgcg tggagtcgat caactctagg ctccaactcg ttatgaaaag    120
tgggaagtac gtcttggggt acaagcagac tctgaagatg atcagacaag gcaaagcgaa    180
attggtcatt ctgcctaaca actgcccagc tttgaggaaa tctgaaatag agtactatgc    240
tatgttggtt aaaactgggt tccatcacta cagtggcaat aatattgaac tgggcacagc    300
atgcggaaaa tactacagag tgtgcacact ggctatcatt gatccagggt actctgacat    360
cattagaagc atgccagaac agactggtga aaagtaaacc ttttcaccta caaaatttca    420
cctgcaaacc ttaaactctg aaaaattttc ttttaataaaa tttgcttggt ttaaaaaa    478
```

<210> 185

<211> 596

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(596)

<223> n = A,T,C or G

```
<400> 185
gtcgacggac gaggagtgcg gcactgatga gtactgcgct agtcccaccc gcggagggga    60
cgcgggcggt caaatctgtc tcgcctgcag gaagcgccga aaacgctgca tgcgtcacgc    120
tatgtgctgc cccgggaatt actgcaaaaa tggaatatgt gtgtcttctg atcaaaatca    180
tttccgagga gaaattgagg aaaccatcac tgaaagcttt ggtaatgatc atagcacctt    240
ggatgggtat tccagaagaa ccaccttgct ttcaaaaatg tatcacacca aaggacaaga    300
aggttctggt tgtctccggt catcagactg tgcctcagga ttgtgttggt ctagacactt    360
ctggtccaag atctgtaaac ctgtcctgaa agaaggtcaa gtgtgtacca agcataggag    420
aaaaggctct catggactag aaatattcca gcgttggttac tgtggagaag gtctgtcttg    480
ccggatacag aaagatcacc atcaagccag taattcttct aggttcaca cttgncagag    540
acactaaacc agctatccaa atgcagtga ctccttttat ataat gatg ctatga    596
```

<210> 186

<211> 314

<212> DNA

<213> Homo sapien

```
<210> 189
<211> 130
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc feature
```

<222> (1)...(299)

<223> n = A,T,C or G

<400> 192

```
cctttttttt tttttttgaa attnnaaatt ttattacaaa aactttttat tgctataaga      60
aaaatatgta ttaattctac aaaataacat tcagattatg ttctaattca attattcaat      120
acaatttatt ctcttgtaaa taagagaaac ttatttagaa tataaaatta taacctaatg      180
acaaagctct agtaaattgn gaactacacc tctacaccgg gcttaaagtc atcctgatta      240
atgatttctt catacatgtc acttatttta tccaaaaaag gatttgagtt ctcgtcgac      299
```

<210> 193

<211> 536

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(536)

<223> n = A,T,C or G

<400> 193

```
ttttttttt tttttttat tctnncaatt tttatttctc ttacatgctc aaagaagcca      60
agcaaatcca ggtatacatg tatatgtttt aattttacag gagagagaaa gaggtataag      120
gcaagaatta actacatttt catttacta tttctttatg agctctattt tgctgctaag      180
ttcaagtttc aaaaaaatta ttaattcctc tgctatgtta tcttggtcca attcacaaaa      240
taacagggat ttcccatgtg gactcaaaag caagaatctt actcctaaat aacataaaca      300
gcaatatgtg tgactactgt cattcattaa cttcgatggg gaagttcatt aaactgacca      360
ttaaaagaac atttgaacaa ttccaaaagg gagcaaggat aaatctccaa atcacccaat      420
agacaaggaa cccagagatg acatacagng tgctcacttc caccactgc cactgagaac      480
actgattgct ctcttcaaac acagagcgaa gaatgggcct catgtcacat ggggca      536
```

<210> 194

<211> 566

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(566)

<223> n = A,T,C or G

<400> 194

```
gtcgactgca ctattaccga gggcagatat tatgagaaac tgtttcttct ctaagggttt      60
atggcagact ttgctttttt aacatgtgag aaatgaattt tttattttgt gatttatgtg      120
atttcttttg ctgagtgaag gaaaggagaa attggtgcta ttgtcagcat cttaaaggta      180
tttccagtca aggcaaggct aagtgttttg tgatagtatt aagcaagtca tgttttgaat      240
ggattacctg tagtgactca ttggaatgat ataattatac aagtaatgcc aaaaaccaag      300
tcaaagccta attaaccaaa gcactcattt aaaaatcatt atgtttggac ctatctggac      360
ctctcagcac tgtaaaatag ttttggtttt gtggcatatg aatagctgtt taacaaatca      420
aagttagctn tttgcttctc agcttttttg ggcaatacaa gtttaagttct taatggggag      480
acattatcat ggcattgactt aagggaaacat tggtttgtga aggaaaaaca gattatctaa      540
agccatctct atgtttctgt tcagat      566
```

```
<220>
<221> misc_feature
<222> (1)...(463)
<223> n = A,T,C or G
```



```

<400> 198
gtcgacgtca gtattaatac tgagccagac tggcatctac agatttcaga tctatcattt    60
tattgattct taagcttgta ttaaaaaacta ggcaatatca tcatggatac ataggagaag    120
acacattttac aatcattcat tgggcctttt atctgtctat ccatccatca tcatttgaag    180
gcctaataata tgccaagtac tcacatggta tgcattgaga cataaaaaaag actgtctata    240
acctcaataa gtattaaaaa tcccattatt acccataagg ttcatcttat ttcattttta    300
gggaataaaa ttacatgtct atgaaatttc aattttaagc actattgttt ttcatgacca    360
taattttattt ttaaaaataa attaaagggt aatttatatgc atgtatgtat ttctaataat    420
taaaaatgtg ttcaatccct ganaaaaaaa aaaaaaaaaa aaa                      463

```

<210> 199

<211> 129

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(129)

<223> n = A,T,C or G

```

<400> 199
gtcgaccggc gggcagctgc agcttctgct gctgaggccg ggattgctac gactgggact    60
gaagactcag acgatgccct gctgaagatg accatcagcc ancaagagtt tggccgnact    120
gggcttcct                                     129

```

<210> 200

<211> 523

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(523)

<223> n = A,T,C or G

```

<400> 200
cctttttttt tttttttttt tttttnaaat cttttattta aagtccatgc taataatgng    60
tttacatttt tacagttaca ttatgataga aactgttgga ttttttaa atctaaaaca    120
atggcccact gaanaaagga acaattaact ctttaattaa ttccttagga taaataccga    180
naaatttaac agctagggca gacttntaat acaataccga aagtccttcc aaaaaccaag    240
nggttgccaa cttatgtccc ttagcattat aacattcttg agccaatagt gtaaaaatac    300
gctgacaatt ttataggcaa acattactca aggtatctta ctttccactt attactaaag    360
taattaaccc ctaaacagat gtcctcaac agngggacta catcctggta aacctatcat    420
aagttgaaac tatcaagttg aaatgcattt agtaccctga taaacctatc ataaagttga    480
aaatttgtaa attgaaccag tgtaaatcag aggccatntt act                      523

```

<210> 201

<211> 532

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(532)

<223> n = A,T,C or G

<400> 201

```
cctttttttt tttttttaca cttgagctta gccaaaaggc tgagaagcga ttttttttta      60
aaagctgttc ttaccatgg tttaaagct aaaatgcata gctataaaaa caaaacactg      120
agctaactcg attacatcca gcttttgac tcaatagccc ttgacctcc agtcataagc      180
aagcctgtca ttgcccagc cctgctatac attctcatta tagtttcgtt tcaaataccag      240
tgttacagaa acaaaacacc aagccctcaa tcatgctatg cgtatcttta tgtgtgcatg      300
tcttatgtat gtttaaaata aacattttta aatgttttag gccaggcttg gnggctcatt      360
cagtttttagt ttgctttttt ttgcccattc ttgtttattt tgngaataag taaaacattt      420
aaataacttaa gtcacatctg tataaaaagt atattcatag gaaggaattt aacaatttta      480
ataaaaactta ttagcatatc aatgagtttc aagatacacc tgaaactaaa tt              532
```

<210> 202

<211> 114

<212> DNA

<213> Homo sapien

<400> 202

```
ctccttggtg tggctttctc tgagtgaatg tcacaaggcc ggtgacagga gggggtggag      60
gtgaggggac aaagtagagg ccgaggggtca gtgcctttgg agaaagtcca gaga              114
```

<210> 203

<211> 304

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 203

```
gtcgaccttt ttttcccaac ttcttgcttt ctattggatt gttagggatt tctgtttttc      60
actttatttc tctctgctta ttgaaagct atacagcatg gttttctttc tttagggatc      120
actcttcac tttacttttt aaagatggat aaattttata catttaaaaa atttaactctg      180
tatttgatc ttcttcctga gtggacctta gcatgttata aatgctcact gaataattct      240
cattgttaat tagagtttgg tttatnttt ttaaanncaa tgtacttact tattcttagn      300
gtaa              304
```

<210> 204

<211> 581

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(581)

<223> n = A,T,C or G

<400> 204

```
cngcgttgtg aggtgagcnn tttcagaagc gcgatcccag gacacgtcgg gaagcaagca 60
```

```

tcnnttttagc tgcttggaag gaggaccaaa gacggctaaa anntcatttg gaaatatctc 120
taaatatttg ttaccatgta taagctgcta aagagaaatt gggcccaaca aaactaattg 180
aataattgag gcagatttgt gtgtatcatc aaattctatc cagaagttga agaattctgaa 240
tttaaagatt gtgtgcattt aataagagga tgacctttca gtttaatttc actatagaag 300
accatctgga aaatgaatta acaccatta gagatggagc tttgacctg gattcctcaa 360
aagagctgtc agtctcagaa agtcaaaaag gagaagagag ggacagaaaa tgttctgcag 420
aacaatttga cttgcctcag gatcacttgt gggaacataa gtcaatggaa aatgcagctc 480
cctctcaaga cacagacagt ccactcagt cagccagcag ttcaaggaac ttggagccac 540
atggaaaaca gccctccttg agagctgcca aagagcatgc t 581

```

<210> 205

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 205

```

gccctgaaga acagtgcctg gatgtggtga cccactggat ccaggaaggt gaagaagggc 60
gtccaaagga tgaccgccac ctccgtggct gtggctacct tcccggctgc ccgggctcca 120
atggtttcca caacaacgac accttccact tctgaaatg ctgcaacacc accaaatgca 180
acgagggccc aatcctggag cttgaaaatc tgccgcagaa tggccgccag tgttacagct 240
gcaaggggaa cagcacccat ggatgtcct ctgaagagac tttcctcatt gactgccggg 300
gccccatgaa tcaatgtctg gtagccacgc gngcgacgtc acagagacnc ggaaaaacca 360
aagctatatn ggtaaagagg ctgtgcaacc cgctctcaat gtgcccaaca 409

```

<210> 206

<211> 561

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(561)

<223> n = A,T,C or G

<400> 206

```

gtntcatggg aaaggacatg tctctcgaag aaaggttata aaccctgaga tatgaggggt 60
tttttgagac atccgagcct gtttcgttcc gggntgggan caggaataac cctgacttct 120
gagctttcat aacccagga tcttcagaa aatttgcggc gcgctgaggg aaaaccttgc 180
tgaagctgta cattggaatg cgtttacagt cattgtaatg gaagcaaat acatgaagga 240
aaaactgtta tttgtatccc tgcattattgc acctgacgac tagttgcaga tggttttgtt 300
tacctaagaa aacttgtgat ataaatgaaa aaaacacctg ttttcctaga gtcattgggt 360
acaaatatgc ttcgtctaag agctatttgc ccattctcct ggagagtgtt tcaatttcga 420
cccatcagtt gtgaaccatt aattattcag atgaataagt gtacagatga ggagcaaatg 480
tttggtttta ttgaaagaaa caaagccata ctttcagaaa agcaagtggg atgtgcattt 540
gatatgcttt ggaagcttca a 561

```

<210> 207

<211> 461

<212> DNA

CCGCGGCTGC CCGGGCTCCA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 207

```

ggtnntttcca gccaatgtga cctttaaaac ctatgaaggt ntnatgcaca gttcgtgtca 60
acaggaaatg atggatgtca agcaattcat tgataaactc ctacctcaa ttgattgacg 120
tcactaagag gccttggtga gaagtacacc agcatcattg tagtagagtg taaacctttt 180
cccatgccca gtcttcaaat ttctaagtgt ttgcagtgtt aaaatgtttt gcaaatacat 240
gccgataaca cagatcaaat aatatctcct catgagaaat ttatgatcct ttaagtttct 300
atacatgtat tcttataaga cgaccagga tctactatat tagaatagat gaagcaggta 360
gcttcttttt tctcaaatgt aattcagcaa aataatacag tactgccacc agatttttta 420
ttacatcatt tgaaaattag cagtatgctt aatgaaaatt t 461

```

<210> 208

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 208

```

gatgaacatc catccnaatt ncgaagagcc tatattatac cctcttcaag aatttgcattg 60
gcatcaatat ctacaggaga aaaaaaggga actcaaaaat gaaacctggg aatattcttc 120
ctctgtgatt tcttttggtt atggtcagtt tctgggtgat gcattggatc tgcagaaatg 180
ggcccacgag gtgtgggata tagttgacat taaacctctt gcactttatg acgcactcac 240
tgaggatttt tccgctaagt tcttaagaga caccaagcat gatttcgtgt ttttgg 296

```

<210> 209

<211> 282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(282)

<223> n = A,T,C or G

<400> 209

```

gcataataaa tgctttgagc ttcttgacta tcatatacct aaagaaagt catcagagaa 60
tnatattcct gacttttnnc tgactggcaa aaagcnagct ttatcttgct ttataggatg 120
cttagtttgc cactncactt caaaccaatg ggacagtont anatggngng acagtgttna 180
ancncaccaa aaggntnent ttcntgggg ccancnctgt cntnancctc nctaanctat 240
ttgnanaatt ttaancnenn gttaantaaa aaaaaaaaaa aa 282

```

<210> 210

1
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<211> 1445
 <212> DNA
 <213> Homo sapiens

<400> 210
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 cccagagct gcttggaag aggaccaaag acgtctaaaa agtcatttgg aaatatctct 120
 aaatatttgt taccatgtat aagctgctaa agagaaattg ggcccaacaa aactaattga 180
 ataattgagg cagatttgtg tgtatcatca aattctatcc agaagttgaa gaatctgaat 240
 ttaaagattg tgtgcattta ataagaggat gacctttcag tttaatttca ctatagaaga 300
 ccatctggaa aatgaattaa caccatttag agatggagct ttgacctggg attcctcaaa 360
 agagctgtca gtctcagaaa gtcaaaaagg agaagagagg gacagaaaat gttctgcaga 420
 acaatttgac ttgcctcagg atcacttgtg ggaacataag tcaatggaaa atgcagctcc 480
 ctctcaagac acagacagtc cactcagtc agccagcagt tcaaggaact tggagccaca 540
 tggaaaacag cctccttga gagctgccaa agagcatgct atgcctaaag atttaaaaga 600
 gatgttagaa aataaagtca tagaaacatt accaggtttc cagcatgtta agttatcagt 660
 agtgaiaacc atcttgttga aagagaactt ccctggagaa aacatagttt caaaaagctt 720
 ttcttctcac tctgatctga ttacaggtgt ttatgaggga ggcttaaaaa tctgggaatg 780
 tacctttgac ctcttggtt atttcacaaa ggccaaagtg aaatttgctg ggaaaaaagt 840
 cttggatctt ggttgtggat caggtttact aggtataact gcattcaagg gaggtccaa 900
 agaaattcac tttcaagatt ataacagtat ggtgattgat gaagtaacct tacctaattg 960
 agtagctaac tccactttgg aagatgaaga aaatgatgta aatgagccag atgtgaaaag 1020
 atgcaggaaa ccaaaagtaa cacaactata taaatgccga tttttttctg gtgagtgggtc 1080
 tgagttttgt aagcttgtac taagtagtga aaaacttttt gtaaaatatg atctcattct 1140
 cacctcagaa accatttaca acccagatta ttatagtaat ttgaccaga ctttccttag 1200
 actgttaagt aaaaatggac gtgtactttt ggccagcaaa gcacattatt ttggtgtagg 1260
 tggaggtgtt catctctttc agaagtttgt agaagaaaga gatgttttta agaccagaat 1320
 actcaaaata attgatgaag gattgaagag gttcataatt gaaataactt ttaagtttcc 1380
 tggttaatta acatttactg agtatccaaa atgaaataaa cagaaggacc aaaaaaaaaa 1440
 aaaaa 1445

<210> 211
 <211> 414
 <212> DNA
 <213> Homo sapiens

<400> 211
 aaaaaggga ggaaggagag acagataact ctcaagtcatt taaaaaacta caataaaata 60
 ttatgaatta tcaattagat caaagttcct cacagctata tttatatagg taaaaaaaaa 120
 ttaaataaggc taaatgccca aaaattttaag actggcaaaa tatacttggc taaatactgt 180
 gcgtctctat taaataccat gtttcagaag aattattaat gacatgagaa tatgctcaaa 240
 atacatattg atatgtgcaa atacatattg caaagtaaga ttatagaatg atcctagttc 300
 aaaaatgtca catatatatg tatttaaaaa aaaaggcagt taagatttac aacaaaatgt 360
 tagtggtggg accttctggt aggaatacag attttttttt attcagaagt tttt 414

<210> 212
 <211> 720
 <212> DNA
 <213> Homo sapiens

<400> 212
 gtcgacgtaa aatagaaaca gaaggggact ttatcaacct gattaacttt ctcaacatgt 60
 taaccttaca gttaacatta taatcaatgg tgaatcattg agtactttcc ttctaagatc 120
 agaaacagtt caaagtcac tctcaccatt tctattcaac attgtactgg aatcccagcc 180

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agtgcagtaa taccaataat aaaaaattaa agtcataaag attgaaaagg atgaagtaaa 240
gctattttcaa ttctattttag aagtattttag aaaccccaaa gaatctacaa aaaactaata 300
gaaataagtg aatatatgaa ggtcttacta tacaagatca acatatcaaa agcagtggta 360
tttaagaaaa gggtggagac tattttataat aaacagtggt tgaattttgt taatgctttt 420
tctgtatttt ttgaaatgat cttattattt ttctctttgc taaaaatgtg agtaaccttg 480
agttgacttt ctgtgtaa atcaacctgtg tcccaggaaa aaactccaat tgatcatgat 540
gtgttatcct ttttatacat tgctgtattc aatatgctaa tatatttatt tttgtgtct 600
atttcatgag ggatatcagt atgtaattgt tttttcttgt tatactcttg ttggttttat 660
taatcaacat tatgctaact tcatacaata tattggaaca tgctccctcc ttttattttc 720

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<210> 213

<211> 1114

<212> DNA

<213> Homo sapiens

<400> 213

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gctcctaaca aagaagatat cttgaaaatt tcagaggatg agcgcagtga gctcagtaag 60
agcttttcgag tatactgtat tatecttgta aaacccaaag atgtgagtct ttgggctgca 120
gtaaaggaga cttggaccaaa acactgtgac aaagcagagt tcttcagttc tgaaaatgtt 180
aaagtgtttg agtcaattaa tatggacaca aatgacatgt ggtaaagatg gagaaaagct 240
tacaaatacg cctttgataa gtatagagac caatacaact ggttcttctc tgcacgcccc 300
actacgtttg ctatcattga aaacctaaag ttttttttgt taaaaaagga tccatcacag 360
cctttctatc taggccacac tataaaatct ggagaccttg aatatgtggg tatggaagga 420
ggaattgtct taagtgtaga atcaatgaaa agacttaaca gccttctcaa tatcccagaa 480
aagtgtcctg aacaggaggag gatgatttgg aagatatctg aagataaaca gctagcagtt 540
tgctgaaat atgctggagt atttgcagaa aatgcagaag atgctgatgg aaaagatgta 600
tttaatacca aatctgttgg gctttctatt aaagaggcaa tgacttatca ccccaaccag 660
gtagtagaag gctgttgttc agatatggct gttactttta atggactgac tccaaatcag 720
atgcatgtga tgatgtatgg ggtataccgc cttagggcat ttgggcatat tttcaatgat 780
gcattggttt tcttacctcc aaatggttct gacaatgact gagaagtgtg agaaaagcgt 840
gaatatgata tttgtatagg acgtgtgttg tcattatttg tagtagtaac tacatatcca 900
atacagctgt atgtttcttt ttcttttcta atttggtggc actggtataa ccacacatta 960
aagtcagtag tacattttta aatgaggggt gtttttttct ttaaaacaca tgaacattgt 1020
aaatgtgttg gaaagaagtg ttttaagaat aataattttg caaataaact attaataaat 1080
attatatgtg ataaattcta aaaaaaaaaa aaaa 1114

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<210> 214

<211> 1495

<212> DNA

<213> Homo sapiens

<400> 214

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gtaacggatg gtgcgccaac gtgagaggaa acccgtgcgc ggctgcgctt tctgtgtccc 60
aagccgttct agacgcgat gaagtgc aaaacttct ccatagagga gttgttgcaa 120
agttccagtt tataccaaac agtaatcaga ttccattgga agctaaagat tttgagagcc 180
ttttgtacta tatgcaacta acttgatttc aagcttggga acttttaaaa aaacatttaa 240
agcaaaatga aaaatgcttt ctgaaagcag ctcctttttg aaagggtgtg tgcttggaag 300
ccattttctg tgctttgatc cactaatgct aaggacacat taggattggc catggaaata 360
gaatgcacca ccatgagcat catcacctac aagctcctaa caaagaagat atcttgaaaa 420
tttcagagga tgagcgcag gagctcagta agagctttcg agtatactgt attatccttg 480
taaaacccaa agatgtgagt ctttgggctg cagtaaagga gacttgacc aaacactgtg 540
acaaagcaga gttcttcagt tctgaaaatg ttaaagagtt tgagtcaatt aatatggaca 600
caaatgacat gtggttaatg atgagaaaag cttacaaata cgctttgat aagtatagag 660
accaatacaa ctggttcttc cttgcacgcc ccactacgtt tgctatcatt gaaaacctaa 720

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agtatTTTTT gttaaaaaag gatccatcac agccttttcta tctaggccac actataaaat 780
ctggagacct tgaatatgtg ggtatggaag gaggaattgt cttaatgtga gaatcaatga 840
aaagacttaa cagccttctc aatatcccag aaaagtgtcc tgaacaggga gggatgattt 900
ggaagatatc cgaagataaa cagctagcag tttgcctgaa atatgctgga gtatttgcag 960
aaaaatgcaga agatgctgat ggaaaagatg tatttaatac caaatctgtt gggcttttcta 1020
ttaaagaggc aatgacttat caccocaacc aggtagtaga aggctgttgt tcagatatgg 1080
ctgttacttt taatggactg actccaaatc agatgcatgt gatgatgtat ggggtatacc 1140
gccttagggc atttgggcat attttcaatg atgcattggg tttcttacct ccaaattgggt 1200
ctgacaatga ctgagaagtg gtagaaaagc gtgaatatga tctttgtata ggacgtgtgt 1260
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taatttgggt gcaactggtat aaccacccat taaagtcagt agtacatttt taaatgaggg 1380
tggttttttt ctttaaaaca catgaacatt gtaaattgtgt tggaaaaaag tgttttaaga 1440
ataataatTT tgcaataaaa ctattaataa atattatatg tgataaattc taacc 1495

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<210> 215

<211> 838

<212> DNA

<213> Homo sapiens

<400> 215

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ggctgggaag tcagttcggt ctctcctctc ctctcttctt gtttgaacat ggtgcggtact 60
aaagcagaca gtgttccagg cacttacaga aaagtgggtg ctgctcgagc cccagaaaag 120
gtgcttggtt cttccacctc tgccactaat tgcacatcag tttcatcgag gaaagctgaa 180
aataaatatg caggagggaa ccccgtttgc gtgcgcccac ctcccaagtg gcaaaaagga 240
attggagaat tcttttaggt gtcccctaaa gattctgaaa aagagaatca gattcctgaa 300
gaggcaggaa gcagtggctt aggaaaagca aagagaaaag catgtccttt gcaacctgat 360
cacacaaatg atgaaaaaga atagaacttt ctcatcctc tttgaataac gtctccttgt 420
ttaccctggt attctagaat gtaaatttac ataaatgtgt ttgttccaat tagcttttgt 480
gaacaggcat ttaattaaaa aatttaggtt taaatttaga tgttcaaaag tagttgtgaa 540
atttgagaat ttgtaagact aattatggta acttagctta gtattcaata taatgcattg 600
tttggtttct tttaccaaat taagtgtcta gttcttgcta aaatcaagtc attgcattgt 660
gttctaatta caagtatgtt gtatttgaga tttgcttaga ttgttgtagt gctgccattt 720
ttattgggtg ttgattattg gaatgggtgc atattgtcac tccttctact tgctttaaaa 780
agcagagtta gattttttgca cattaaaaaa ttcagtatta attaaaaaaa aaaaaaaa 838

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<210> 216

<211> 938

<212> DNA

<213> Homo sapiens

<400> 216

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cacctcaggc tgtggctctt tgggcttctt cctaatgcag aagaagttgc ccagcagcaa 60
aatcagggag gaggtgagca cctcggtccc cgccaggatg aacacgtaca tgtagacgtg 120
ggtcgcatcc aggagtttgc ctcccgaagg gggcccgcag agcacggcca ccgcctccat 180
cagcagcacc aggccaatgg cactggagaa cttgtaggag atgccaaaaga agatgcagaa 240
gaccacgagg ccgccgtagt cgcccgcctg agagcccgcg aggtccgcga ggccgtgaa 300
gaacatggag aagctgaaga ggtagacgga gtagggccgc accttcccaa gcccgcacc 360
gaagcccgcg gccggccgcg cgaagatgtc aatgaagccc aggatggtga gcaggaaggc 420
ggccttggtg tcgggcacgc ccaggtcctt ggcgtagctc accacgaaca cgggcgggac 480
gaagagcccc agcaccatga ccgaggcggc cacggcgtaa agcaciaaagc cgcggtccc 540
gaagacgctc aggtctagca ggcgccggga gggctcgggc ggccccgagc ccggctgggc 600
cgtgaccacc aggggcctca tgagtgcggc acacacgcag cagttgagca gcaggccgcc 660
caggatgagg aagccgcccc gccagccgta gcggtcctgc agcagctgcc ccagcgggct 720
cagggcacac aggaagacag ggctacctgc tgccgcagc ccgttgacca tggggcgccg 780

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cttgctgaag tagcggttca gcatgatgag cgagggctgg aagttgagtg ccaaaccctaa 840
ccccgtgatg accccagtgg tgaggtagac ctggatgatg ctccggcaaa aggacgcagc 900
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<210> 217
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<212> DNA
<213> Homo sapiens

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<400> 217
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ggggctgggc cgtgctcttc ggctgtttcg tcatcactgg cttctcctac gccttccccca 180
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cagcctggat ctctccatc ctgctggcca tgctctacgg gacaggtccg ctctgcagtg 300
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tcatcacggg gttgggtttg gactcaact tccagccctc gctcatcatg ctgaaccgct 480
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aagccggcaa cgcttgctat ttattttaca aactggactg gctcaggcag ggccacggct 1560
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ccgcagacag gctggcaggg caggtgctgc gtggggccct ctccagcccg tcctaccctg 1860
ggctcacatg ggcctgtgc ccaccctct tgagtgtctt ggggacagct ctttccaccc 1920
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tt 1982

```

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<210> 218
<211> 592
<212> DNA
<213> Homo sapiens

```

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<400> 218
aggtctcatg ggaaaggctc tgtctctcga agaaagggtta taaaccctga gatatgaggg 60
ttgggcgaga catccgagcc tgtttcgttc cgtgttgagg ccaggaataa ccctgacttc 120
tgagctttca taaccccagg atcctccaga aaatttgcgg cgcgtgagg gaaaaccttg 180

```



```

ctgaagctgt acattggaat gcgtttacag tcattgtaat ggaagcaaaa tacatgaagg 240
aaaaactggt atttgtatcc ctgcttattg cacctgacga ctagttagcag atggttttgt 300
ttacctaaaga aaacttgtga tataaatgaa aaaaacacct gttttcctag agtcatttgt 360
tacaatatatg cttcgtctaa gagctatttg tccattctcc tggagagtgt ttcaatttcg 420
acccatcagt tgtgaaccac taattattca gatgaataag tgtacagatg aggagcaaat 480
gttttggtttt attgaaagaa acaaagccat actttcagaa aagcaagtgg gatgtgcatt 540
tgatatgctt tggaagcttc aaaagcagaa gaccagcctg ttaaaaaatg ct 592

```

<210> 219

<211> 650

<212> DNA

<213> Homo sapiens

<400> 219

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atgtgacatg aggcccatc ttcgctctgt gtttgaagag agcaatcagt gttctcagtg 180
gcagtgggtg gaagtgaagca cactgtatgt catctctggg ttccttgtct attgggtgat 240
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aatgaacttc accatcgaag ttaatgaatg acagtagtca cacatattgc tgtttatgtt 360
atthagaggt aagattcttg cttttgagtc acatggggaa atccctgtta ttttgtgaat 420
tgggacaaga taacatagca gaggaattaa taattttttt gaaacttgaa cttagcagca 480
aaatagagct cataaagaaa tagtgaaatg aaaatgtagt taattcttgc cttatacctc 540
tttctctctc ctgtaaaatt aaaacatata catgtatacc tggatttgct tggcttcttt 600
gagcatgtaa gagaaataaa aattgaaaga ataaaaaaaa aaaaaaaaaa 650

```

<210> 220

<211> 782

<212> DNA

<213> Homo sapiens

<400> 220

```

ggtgaatcca gccaatgtga cttttaaaac ctatgaagggt atgatgcaca gttcgtgtca 60
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tactaagag gccttgtgta gaagtacacc agcatcattg tagtagagtg taaacctttt 180
cccatgcccc gtcttcaaat ttctaattgt ttgcagtgtt aaaatgtttt gcaaatacat 240
gccgataaca catagcaaat aatatctcct catgagaaat ttatgatctt ttaagtttct 300
atacatgtat tcttataaga cgaccagga tctactatat tagaatagat gaagcaggta 360
gcttcttttt tctcaaagt aattcagcaa aataatacag tactgccacc agatttttta 420
ttacatcatt tgaaaattag cagtatgctt aatgaaaatt tgttcaggta taaatgagca 480
gttaagatat aaacaattta tgcagtgtgt gacttagtct atggatttat tccaaaattg 540
cttagtcacc atgcagtgtc tgtattttta tatatgtgtt catatataca taatgattat 600
aatacataat aagaatgagg tggatttaca ttattcctaa taatagggat aatgctgttt 660
attgtcaaga aaaagtaaaa tcgttctctt caattaatgg cccttttatt ttgggaccag 720
gcttttatct tccctgatat tatttctatt taatactctt ttctctcaa aaaaaaaaaa 780
aa 782

```

<210> 221

<211> 2417

<212> DNA

<213> Homo sapiens

<400> 221

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cttccttcg cttgcgctgt gagctgaggc ggtgtatgtg cggcaataac atgtcaaccc 60

```

cgctgcccgc catcgtgccc gccgcccgga aggccaccgc tgcgggtgatt ttccctgcatg 120
 gattggggaga tactggggcac ggatggggcag aagcctttgc aggtatcaga agttcacata 180
 tcaaatatat ctgcccgcac gcgcctgtta ggctgttac attaaatatg aacgtggcta 240
 tgccttcatg gtttgatatt attgggcctt caccagattc acaggaggat gaatctggga 300
 ttaaacaggc agcagaaaat ataaaagcct tgattgatca agaagtgaag aatggcattc 360
 cttctaacag aattattttg ggagggtttt ctcaggagg agctttatct ttatatactg 420
 cccttaccac acagcagaaa ctggcagggt tcactgcact cagttgctgg cttccacttc 480
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 taaaaacatt ggtgaatcca gccaatgtga cctttaaacc ctatgaagg atgatgcaca 660
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 attttcactt tagtcaaatt attttttgta ttagtttttg atgcagacat aaaaatagca 1920
 atcattttta attgtcaaaa ttccagatt actggtaaaa attatttgaa aacaaaactta 1980
 tgggtaataa aggctagtca gaacctata ccataaagt tagttaccat acagattaat 2040
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<210> 222

<211> 1466

<212> DNA

<213> Homo sapiens

<400> 222

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 gaagaataat catccatcca aatttgaaaga tectatatta gttcctcttc aagaatttgc 120
 atggcatcaa tatctacagg agaaaaaaag ggaactcaaa aatgaaacct gggaatattc 180
 ttccctctgtg atttcttttg ttaatgggta gtttctgggt gatgcattgg atctgcagaa 240
 atgggcccac gaggtgtggg atatagttga cattaaaccc tctgcacttt atgacgcact 300
 cactgaggat ttttccgcta agttcttaag agacaccaag catgatttcg tgtttttgga 360
 catttgattt gattcttctc caattggaag attgattttt gagctatact gtgatgtgtg 420

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<210> 223
<211> 724
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> 38,39,57,61,63,126,172,211,212,319,
      328,333,346,418,420,423,430,515,521,552,
      555,569,570,587,671,709
<223> n = A,T,C or G
```

```
<210> 224
<211> 1444
<212> DNA
<213> Homo sapiens
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<400> 224

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gtttgaacat ggtgcggaact aaagcagaca gtgttccagg cacttacaga aaagtgggtg 120
ctgctcgagc cccagaaaag gtgcttggtt cttccacctc tgccactaat tcgacatcag 180
tttcatcgag gaaagctgaa aataaatatg caggagggaa ccccgtttgc gtgcgccccaa 240
ctcccaagtg gcaaaaagga attggagaat tcttttaggt gtccccataa gattctgaaa 300
aagagaatca gattcctgaa gaggcaggaa gcagtggtt agggaaaagca aagagaaaag 360
catgtccttt gcaacctgat cacacaaatg atgaaaaaga atagaacttt ctcattcctc 420
tttgaataac gtctccttgt ttaccctggt attctagaat gtaaattttac ataaatgtgt 480
ttgttccaat tagcttttgt gaacaggcat ttaattaaaa aatttaggtt taaatttaga 540
tgttcaaaag tagttgtgaa atttgagaat ttgtaagact aattatggta acttagctta 600
gtattcaata taatgcattg tttggtttct tttaccaaat taagtgtcta gttcttgcta 660
aaatcaagtc attgcattgt gttctaatta caagtatgtt gtatttgaga tttgcttaga 720
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ggagaatggc gtgaaccgga gaagtggagc ttgcagttag ccgagattgc gccactgcag 1380
tcggcagtcg ggcttgggcg acagagcgag actcctctct aaaaaaaaaa aaaaaaaaaa 1440
aaaa

```

<210> 225

<211> 836

<212> DNA

<213> Homo sapiens

<400> 225

```

gtgaaacacc ctcggtgagg aagtcagttc gttctctcct ctctctctct cttggttgaa 60
catggtgcgg actaaagcag acagtgttcc aggcacttac agaaaagtgg tggctgctcg 120
agccccaga aaggtgcttg gttcttccac ctctgccact aattcgacat cagtttctc 180
gaggaaagct gaaaataaat atgcaggagg gaaccccggt tgcgtgcgcc caactccaa 240
gtggcaaaaa ggaattggag aattctttag gttgtcccct aaagattctg aaaaagagaa 300
tcagattcct gaagaggcag gaagcagtgg cttaggaaaa gcaaagagaa aagcatgtcc 360
tttgcaacct gatcacacaa atgatgaaaa agaatagaac tttctcattc atctttgaat 420
aacgtctcct tgtttaccct ggtattctag aatgtaaatt tacataaatg tgtttgttcc 480
aattagcttt gttgaacagg catttaatta aaaaatttag gtttaaatat agatgttcaa 540
aagtagttgt gaaatttgag aatttgtaag actaattatg gtaacttagc ttagtattca 600
atataatgca ttgtttggtt tcttttacca aattaagtgt ctagttcttg ctaaaatcaa 660
gtcattgcat tgtgttctaa ttacaagtat gttgtatttg agatttgctt agattgttgt 720
actgctgcca tttttatttg tgtttgatta ttggaatggt gccatattgt cactccttct 780
acttgcttta aaaagcagag ttagattttt gcacattaaa aaattcagta ttaatt 836

```

<210> 226

<211> 836

<212> DNA

<213> Homo sapiens

<400> 226

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gtgaaacacc ctcggtgagg aagtcagttc gttctctcct ctctctctct cttggttgaa 60

```

```

catggtgctg actaaagcag acagtgttcc aggcacttac agaaaagtgg tggctgctcg 120
agcccccaga aaggtgcttg gttcttccac ctctgccact aattcgacat cagtttcac 180
gaggaaagct gaaaataaat atgcaggagg gaaccccggt tgcgtgctgc caactcccaa 240
gtggcaaaaa ggaattggag aattcttttag gttgtcccct aaagattctg aaaaagagaa 300
tcagattcct gaagaggcag gaagcagtgg cttaggaaaa gcaaagagaa aagcatgtcc 360
tttgcaacct gatcacacaa atgatgaaaa agaatagaac tttctcattc atctttgaat 420
aacgtctcct tgtttaccct ggtattctag aatgtaaatt tacataaatg tgtttgttcc 480
aattagcttt gttgaacagg catttaatta aaaaatttag gtttaaattt agatgttcaa 540
aagtagttgt gaaatttgag aatttgtaag actaattatg gtaacttagc ttagtattca 600
atataatgca ttgtttggtt tcttttacca aattaagtgt ctagtctctg ctaaaatcaa 660
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actgctgcc a tttttatttg tgtttgatta ttggaatggt gccatattgt cactccttct 780
acttgcttta aaaagcagag ttagattttt gcacattaaa aaattcagta ttaatt 836

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<210> 227

<211> 836

<212> DNA

<213> Homo sapiens

<400> 227

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gtgaaacacc ctcggtgagg aagtcagttc gttctctcct ctctctctct cttgtttgaa 60
catggtgctg actaaagcag acagtgttcc aggcacttac agaaaagtgg tggctgctcg 120
agcccccaga aaggtgcttg gttcttccac ctctgccact aattcgacat cagtttcac 180
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tcagattcct gaagaggcag gaagcagtgg cttaggaaaa gcaaagagaa aagcatgtcc 360
tttgcaacct gatcacacaa atgatgaaaa agaatagaac tttctcattc atctttgaat 420
aacgtctcct tgtttaccct ggtattctag aatgtaaatt tacataaatg tgtttgttcc 480
aattagcttt gttgaacagg catttaatta aaaaatttag gtttaaattt agatgttcaa 540
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atataatgca ttgtttggtt tcttttacca aattaagtgt ctagtctctg ctaaaatcaa 660
gtcattgcat tgtgttctaa ttacaagtat gttgtatttg agatttgctt agattgttgt 720
actgctgcc a tttttatttg tgtttgatta ttggaatggt gccatattgt cactccttct 780
acttgcttta aaaagcagag ttagattttt gcacattaaa aaattcagta ttaatt 836

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<210> 228

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> 847,849,850,852,853,854,856,857,858

<223> n = A,T,C or G

<400> 228

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gtttgaacat ggtgcggact aaagcagaca gtgttcagg cacttacaga aaagtgggtg 120
ctgctcgagc cccagaaaag gtgcttggtt cttccacctc tgccaactaa tcgacatcag 180
tttcatcgag gaaagctgaa aataaatatg caggaggga ccccgtttgc gtgcgccccaa 240
ctcccaagtg gcaaaaagga attggagaat tctttagggt gtcccctaaa gattctgaaa 300
aagagaatca gattcctgaa gaggcaggaa gcagtggctt aggaaaagca aagagaaaag 360
catgtccttt gcaacctgat cacacaaatg atgaaaaaga atagaacttt ctcatcattc 420
tttgaataac gtctccttgt ttaccctggt attctagaat gtaaatttac ataaatgtgt 480

```

```

ttgttccaat tagctttgtt gaacaggcat ttaattaaaa aatttaggtt taaatttaga 540
tgttcaaaag tagttgtgaa atttgagaat ttgtaagact aattatggta acttagctta 600
gtattcaata taatgcattg tttggtttct tttaccaaata taagtgtcta gttcttgcta 660
aaatcaagtc attgcattgt gttctaatta caagtatgtt gtatttgaga tttgcttaga 720
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tcaggagatc gagaccatcc tgcctaacaa ggtgaaaccc cgtctctact aaaaatacaa 1260
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ggagaatggc gtgaacccgg gaagtggagc ttgcagttag ccgagattgc gccactgcag 1380
tcggcagtcg ggcttgggag acagagcgag actccgtctc aaaaaaaaaa aaaaaaaaaa 1440
aaaa

```

<210> 229

<211> 522

<212> DNA

<213> Homo sapiens

<400> 229

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ttttgtaatg tagtcttatg ccacgttgag aaaaccctgc ttttcctgtg cacaagacct 60
gaaaattttt acatgttttg ggacacacat cacagtatag ctcaaaaatc aatcttccaa 120
ttggagaaga atcaatacaa atgtccaaaa acacgaaatc atgcttggtg tctcttaaga 180
acttagcgga aaaatcctca gtgagtgcgt cataaagtgc agagggttta atgtcaacta 240
tatccccaca cctcgtgggc ccatttctgc agatccaatg catcacccag aaactgacca 300
ttaacaaaag aaatcacaga ggaagaatat tcccaggttt catttttgag ttcccttttt 360
ttctcctgta gatattgatg ccattgcaaat tcttgaagag gaactaatat aggatcttca 420
aatttgatg gatgattatt cttcagattc tcagcggcgc tcttcgcaat ctgaaagttg 480
gggcagctga agagccccac caccttcacc tgcagcggcc gc 522

```

<210> 230

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> 21

<223> n = A,T,C or G

<400> 230

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atcaatttat caagcacttt ntagggaagg tcacattcag ctgatcagat acaaagtaat 60
aaattatcac agaaaatatt gatatgaaaa tcaagcataa ggatctccac tgtcagtaat 120
tctacacata tgtattggtc tttcattctg tgttggaact aattctagtt gtttaagcac 180
ttctgttcct tcaatcagtt gcccaaaagc cacaaatttt ctatctagat aaggagttgc 240
ttgcagtgtg atatagaatt gtgaccggtt gctgtgacgg cctttgttgg ccattccaag 300
tactcctctt ttattatgag gaactgaaaa gttttcatct tcaaagtgtg gaccataaat 360
cgactctcca ttatctcctt ttccatacac tatatcccct ccttgatcc agccattctg 420
tactattcga tgaaaaatgg aatttttgta atgtagtctt atgccacgtt gagaaaaacc 480

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1990		1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		2035		2036		2037		2038		2039		2040		2041		2042		2043		2044		2045		2046		2047		2048		2049		2050		2051		2052		2053		2054		2055		2056		2057		2058		2059		2060		2061		2062		2063		2064		2065		2066		2067		2068		2069		2070		2071		2072		2073		2074		2075		2076		2077		2078		2079		2080		2081		2082		2083		2084		2085		2086		2087		2088		2089		2090		2091		2092		2093		2094		2095		2096		2097		2098		2099		2100	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																																																																																															